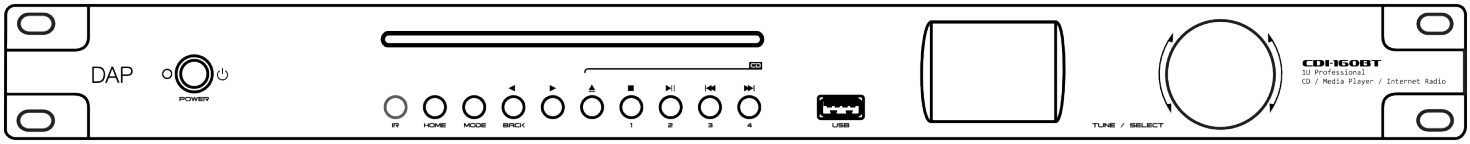
DAP

USER MANUAL

ENGLISH

V1.0



CDI-160BT

Product code: D1244

Preface

Thank you for purchasing this DAP product.

The purpose of this user manual is to provide instructions for the correct and safe use of this product.

Keep the user manual for future reference as it is an integral part of the product. The user manual shall be stored at an easily accessible location.

This user manual contains information concerning:

- Safety instructions
- Intended and non-intended use of the device
- Installation and operation of the device
- Maintenance procedures
- Troubleshooting
- Transport, storage and disposal of the device

Non-observance of the instructions in this user manual may result in serious injuries and damage of property.

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Highlite International B.V. – Vestastraat 2 – 6468 EX Kerkrade – the Netherlands

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1. Introduction

1.1. Before Using the Product



Important
Read and follow the instructions in this user manual before installing, operating or servicing this product.

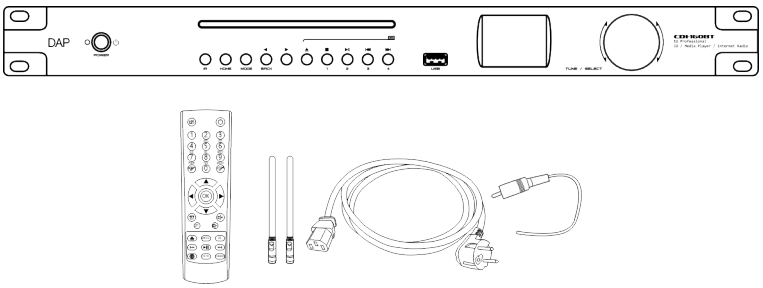
The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual.

After unpacking, check the contents of the box. If any parts are missing or damaged, contact your Highlite International dealer.

Your shipment includes:

- DAP CDI-160BT
- Schuko to IEC power cable (1,5 m)
- 2 wireless antennas
- DAB/FM antenna
- IR remote control
- User manual

Figure 1



1.2. Intended Use

This device is intended for professional use as a CD and media player. It can be installed only indoors. This device is not suitable for households.

Any other use, not mentioned under intended use, is regarded as non-intended and incorrect use.

1.3. Text Conventions

Throughout the user manual the following text conventions are used:

- Buttons: All buttons are in bold lettering, for example "Press the **UP/DOWN** buttons"
- References: References to parts of the device are in bold lettering, for example: "turn the **adjustment handle (05)**". References to chapters are hyperlinked
- 0–255: Defines a range of values
- Notes: **Note:** (in bold lettering) is followed by useful information or tips

1.4. Symbols and Signal Words

Safety notes and warnings are indicated throughout the user manual by safety signs.

Always follow the instructions provided in this user manual.



DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.



Attention Indicates important information for the correct operation and use of the product.



Important Read and observe the instructions in this document.



Electrical hazard



Provides important information about the disposal of this product.

1.5. Symbols on the Information Label

This product is provided with an information label. The information label is located on the bottom plate of the device.

The information label contains the following symbols:



This device is designed for indoor use.



This device falls under IEC protection class I.



This device shall not be treated as household waste.



Caution: Risk of electric shock. Disconnect input power before opening.
Warning: This appliance must be earthed.

2. Safety



Important
Read and follow the instructions in this user manual before installing, operating or servicing this product.

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual.

2.1. Warnings and Safety Instructions



DANGER
Danger for children

For adult use only. The device must be installed beyond the reach of children.

- Do not leave any parts of the packaging (plastic bags, polystyrene foam, nails, etc.) within the reach of children. Packaging material is a potential source of danger for children.



DANGER
Electric shock caused by short-circuit

This device falls under IEC protection Class I.

- Make sure that the device is electrically connected to ground (earth). Connect the device only to a socket-outlet with a ground (earth) connection.
- Do not cover the ground (earth) connection.
- Do not let the power cable come into contact with other cables. Handle the power cable and all connections with the mains with caution.
- Do not modify, bend, mechanically strain, put pressure on, pull or heat up the power cable.
- Make sure that the power cable is not crimped or damaged. Examine the power cable periodically for any defects.
- Do not immerse the device in water or other liquids. Do not install the device in a location where flooding may occur.
- Do not use the device during thunderstorms. Disconnect the device from the electrical power supply immediately.



DANGER
Electric shock caused by dangerous voltage inside

There are areas inside the device where dangerous touch voltage may be present.

- Do not open the device or remove any covers.
- Do not operate the device if the covers or the housing are open. Before operation, check if the housing is firmly closed and all screws are tightly fastened.
- Disconnect the device from the electrical power supply before service and maintenance, and when the device is not in use.



Attention
Power supply

- Before connecting the device to the power supply, make sure that the current, voltage and frequency match the input voltage, current and frequency specified on the information label on the device.

- Make sure that the cross-sectional area of the extension cords and power cables is sufficient for the required power consumption of the device.



Attention
General safety

- Do not block the ventilation openings. Without proper heat dissipation and air circulation, the internal components may overheat. This can result in product damage.
- Do not shake the device. Avoid brute force when installing or operating the device.
- If the device is dropped or struck, disconnect the device from the electrical power supply immediately.
- If the device is exposed to extreme temperature variations (e.g. after transportation), do not switch it on immediately. Let the device reach room temperature before switching it on, otherwise it may be damaged by the formed condensation.
- If the device fails to work properly, discontinue use immediately.



Attention
For professional use only
This device must be used only for the purposes it is designed for.

This device is designed to be used as a CD and media player. Any incorrect use may lead to hazardous situations and result in injuries and material damage.

- This device is not suitable for households.
- This device does not contain user-serviceable parts. Unauthorized modifications to the device will render the warranty void. Such modifications may result in injuries and material damage.



Attention
Do not expose the device to conditions that exceed the rated IP class conditions.

This device is IP20 rated. IP (Ingress Protection) 20 class provides protection against solid objects greater than 12 mm, such as fingers, and no protection against harmful ingress of water.

2.2. Requirements for the User

This product may be used by ordinary persons. Installation and maintenance may be carried out by ordinary persons. Service shall be carried out only by instructed or skilled persons. Contact your Highlite International dealer for more information.

Instructed persons have been instructed and trained by a skilled person, or are supervised by a skilled person, for specific tasks and work activities associated with the installation, service and maintenance of this product, so that they can identify risks and take precautions to avoid them.

Skilled persons have training or experience, which enables them to recognize risks and avoid hazards associated with the installation, service and maintenance of this product.

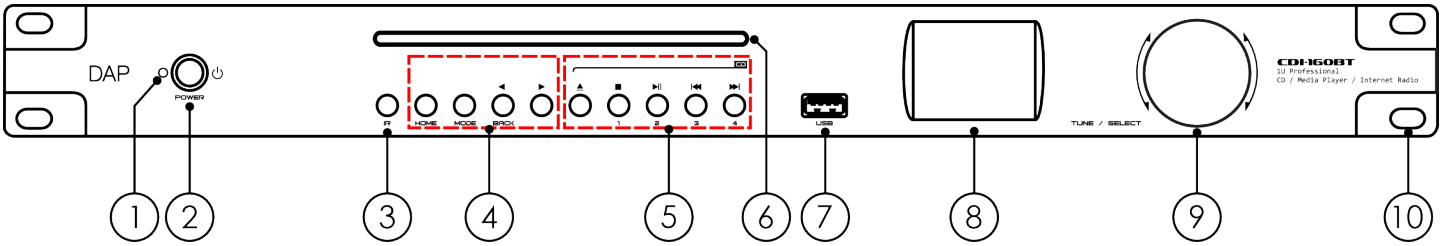
Ordinary persons are all persons other than instructed persons and skilled persons. Ordinary persons include not only users of the product but also any other persons that may have access to the device or who may be in the vicinity of the device.

3. Description of the Device

The DAP CDI-160BT is a CD and media player and is designed for installation into a 19-inch rack. The device features DAB+, FM and an internet radio, as well as a USB port and Bluetooth 5.0. There are both balanced and unbalanced outputs on the back of the device. The player can be operated using the controls on the front or with the included IR remote control.

3.1. Front View

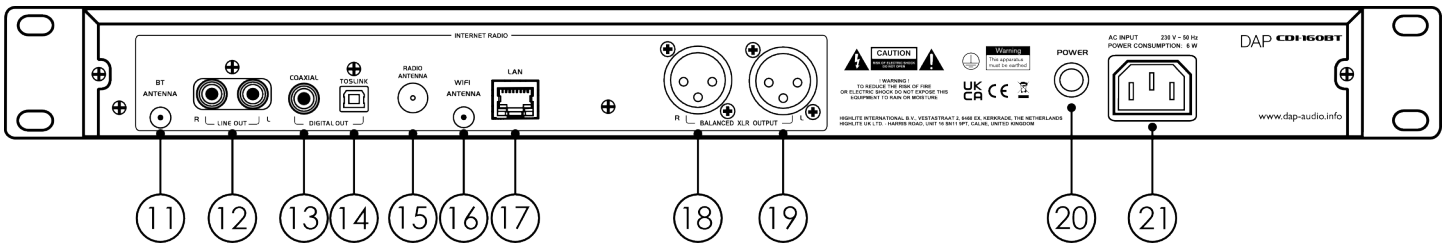
Figure 2



01) Stand-by LED indicator (blue)
02) Stand-by button
03) Infra-red sensor
04) Control buttons
05) Control buttons for the CD player
06) CD slot
07) USB-A connector IN
08) TFT display (2,4 ")
09) Tune/Select control
10) 4 x mounting openings (for installation in a 19-inch rack)

3.2. Back View

Figure 3



11) BT antenna connector
12) RCA analog line-level connectors OUT (Left/Right)
13) Digital connector (coaxial) OUT
14) Digital connector (TOSLINK) OUT
15) DAB/FM wire antenna connector
16) Wi-Fi antenna connector
17) RJ45 LAN connector IN
18) 3-pin XLR balanced connector OUT (Right)
19) 3-pin XLR balanced connector OUT (Left)
20) Power switch ON/OFF
21) IEC power connector IN

3.3. Product Specifications

Model:	CDI-160BT

Outputs:	
Main outputs	3
Main output connector	3-pin XLR / RCA

Playback:	
Supported audio files	AAC/AAC+ / FLAC / MP3 / WAV
Supported format	FAT32
Maximum storage size	512 GB
Media input/output	USB-A
USB type	2.0
Playback functions	Up (Skip) / Down (Skip) / Play / Pauze / Stop / Folder

Audio Specifications:	
THD level	< 0,1 %
Signal-to-noise ratio	> 70 dB
Frequency response minimum	20 Hz
Frequency response maximum	20000 Hz

Wireless Specifications:	
Bluetooth version	5.0
FM frequency start	87 MHz
FM frequency end	108 MHz
FM antenna impedance	75 Ω
DAB+ frequency start	174,928 MHz
DAB+ frequency end	239,2 MHz

Control and Programming:	
Display	TFT
Display size	2,4 "

Electrical Specifications and Connections:	
Power supply	220–240 V AC 50 Hz
Power consumption	6 W
Power connector IN	IEC
Data connector IN	RJ45

Mechanical Specifications:	
Height	44,5 mm
Depth	230 mm
Width	482 mm
Flightcase size	19 "
Rack units	1 U
Housing	Aluminum / Metal
Color	Black

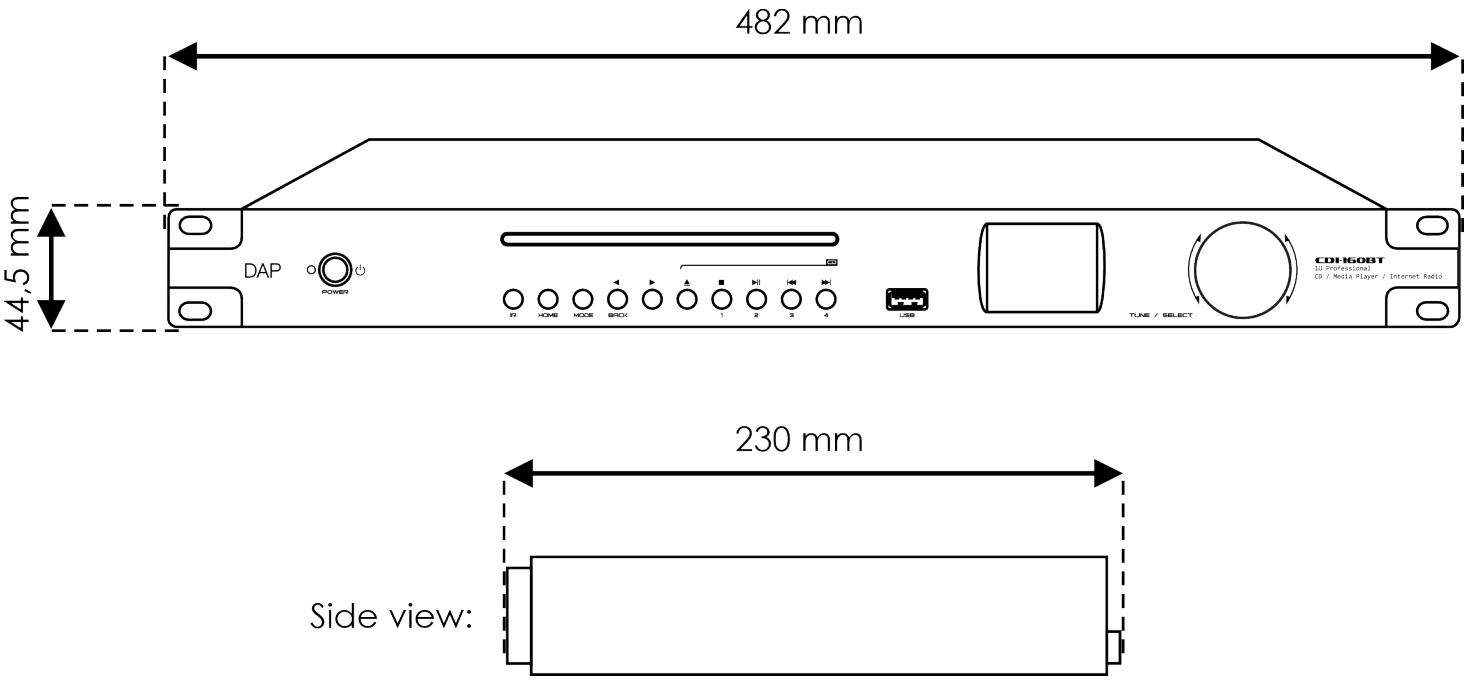
Weight	2,8 kg
IP rating	IP20 (indoor use only)

Thermal Specifications:	
Maximum ambient temperature	40 °C
Minimum ambient temperature	0 °C

Included Items:	
Included cables	IEC cable
Included remotes	IR remote

3.4. Dimensions

Figure 4



4. Installation

4.1. Installation Site Requirements

- The device can be used only indoors.
- The ambient temperature must be in the range 0 and 40 °C.
- The relative humidity must not exceed 50 % with an ambient temperature of 40 °C.

4.2. Rack Mounting

The device can be mounted in a standard 19-inch rack. The device requires 1 rack unit (RU) of space, which is 44,5 mm high.

Make sure that the rack is sufficiently secured to prevent it from becoming unstable or falling over.

To mount the device in a two-post rack, follow the steps below:

01) Insert 4 cage nuts in the openings on the rack posts where you want to mount the device.
02) Position the device in front of the rack posts so that the 4 **mounting openings (10)** on the flanges face the openings on the rack posts with cage nuts.
03) Use a screwdriver to mount the device to the rack posts with 4 screws.

4.3. Connecting the Wireless Antennas

The device is delivered with 2 wireless antennas. The antennas are not connected. To install the antennas:

01) Put the 2 wireless antennas into the **BT antenna connector (11)** and the **Wi-Fi antenna connector (16)**.
02) Turn the 2 wireless antennas clockwise to tighten them.
03) Make sure that the wireless antennas point up.

4.4. Connecting the DAB/FM Wire Antenna

01) Put the DAB/FM wire antenna into the **DAB/FM wire antenna connector (15)**.
02) Unwind the DAB/FM wire antenna to improve the reception.

4.5. Connecting the Device to a Router

To make a LAN connection, it is necessary to connect the device to a router.

01) Plug one end of the network cable into an RJ45 connector on the router.
02) Plug the other end of the network cable into the **RJ45 LAN connector IN (17)** on the device.

Note:

If you use a network cable and the DHCP function on the router is activated, it is not necessary to configure the network.

4.6. Connecting Audio Devices

The device has **RCA analog line-level connectors OUT (Left/Right) (12)**, one **Digital connector (coaxial) OUT (13)**, one **Digital connector (TOSLINK) OUT (14)**, one **3-pin XLR balanced connector OUT (Right) (18)** and one **3-pin XLR balanced connector OUT (Left) (19)**.

Turn off the device when connecting audio devices in order to avoid interference.

- Use a suitable cable to connect an audio device (an amplifier, a mixer, an active speaker etc.) to the **RCA analog line-level connectors OUT (12).**
- If your audio device has digital inputs, you can connect those to the **digital connector (coaxial) OUT (13)** or the digital **connector (TOSLINK) OUT (14)**.
- Use suitable cables to connect an audio device (an amplifier, a mixer, an active speaker etc.) to the **3-pin XLR balanced connector OUT (Right) (18)** and **3-pin XLR balanced connector OUT (Left) (19).**

4.7. Connecting to Power Supply



DANGER
Electric shock caused by short-circuit

The device accepts AC mains power at 220–240 V and 50 Hz. Do not supply power at any other voltage or frequency to the device.

This device falls under IEC protection class I. Make sure that the device is always electrically connected to the ground (earth).

Before connecting the device to the socket-outlet:
- Make sure that the power supply matches the input voltage specified on the information label on the device.
- Make sure that the socket-outlet has a ground (earth) connection.

Connect the device to the socket-outlet with the power plug.

4.8. Installation of the Batteries

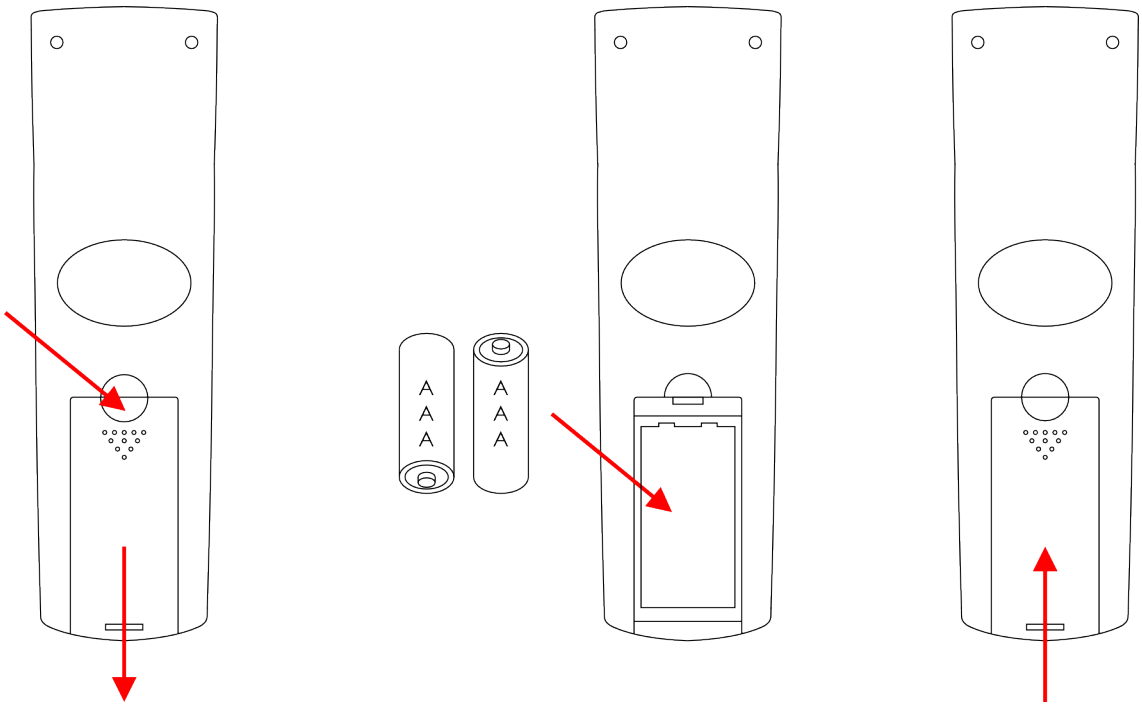
The device can be operated with an IR remote control. The remote control is included in the delivery.

The remote control is delivered without batteries. It accepts 2 x AAA 1,5 V (alkaline) batteries.

To install the batteries:

01) Press on the battery compartment cover and slide it downwards to open the battery compartment.
02) Insert 2 x AAA 1,5 V batteries into the battery housing. Make sure that you install the batteries with correct polarity orientation.
03) Close the battery compartment cover.

Figure 5



5. Setup

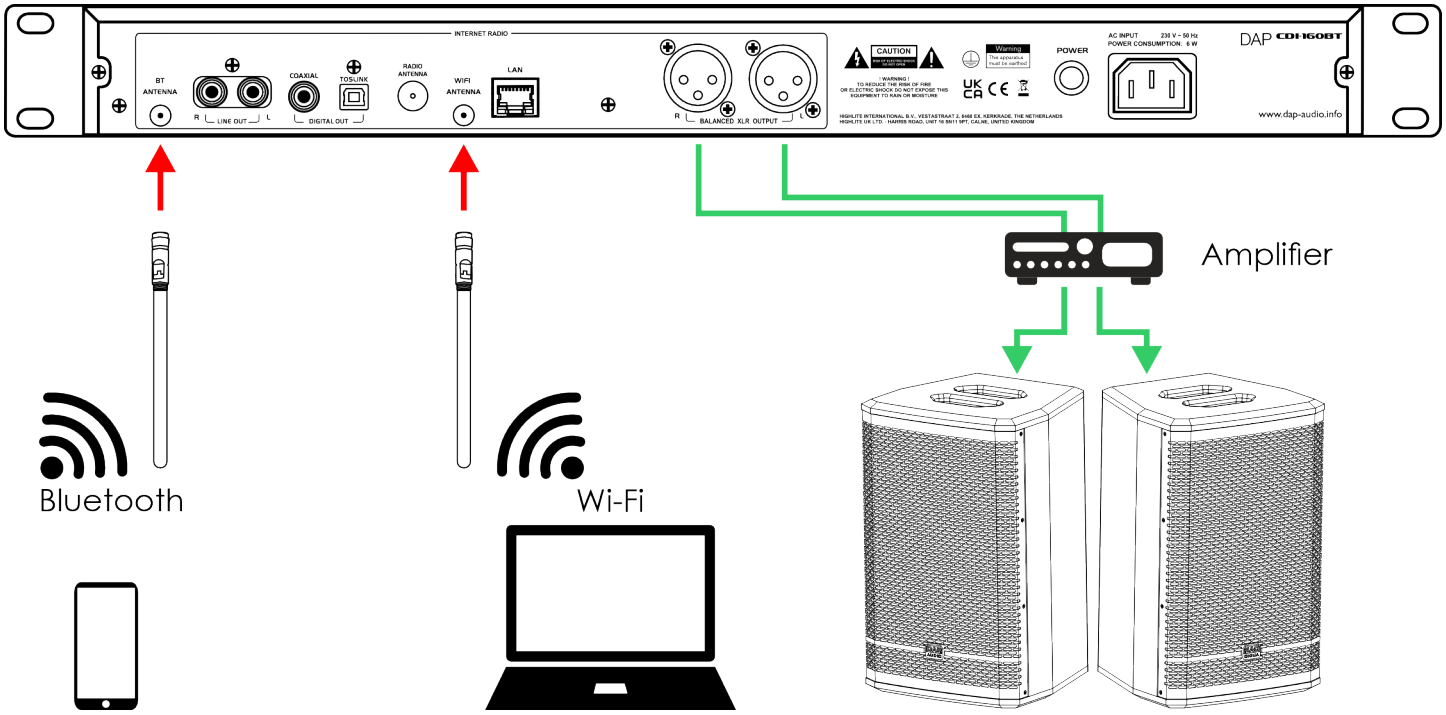
5.1. Warnings and Precautions

Attention
Connect all data cables before supplying power.
Disconnect power supply before connecting or disconnecting data cables.

5.2. Setup Example

The figure below shows a typical setup with 2 streaming devices and 2 active speakers connected through an amplifier to the device.

Figure 6



5.3. Turning On/Off/Stand-by

The device has a power switch and a stand-by switch.

5.3.1. Power switch On/Off

- Set the **power switch (20)** to ON position to turn on the device.
- Set the **power switch (20)** to OFF position to turn off the device.

Make sure that the device is turned off with the **power switch (20)** when the device is not in use.

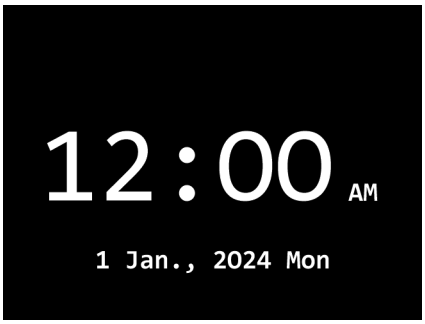
Note:

The alarm function does not work when the device is turned off.

5.3.2. Stand-by

When the device is not in use, it can operate in Stand-by mode.

01) Press the **stand-by button (02)** to turn the stand-by function on. The **stand-by LED indicator (01)** will light blue. The display shows the date and time.



02) Press the **stand-by button (02)** again to turn the stand-by function off. The **stand-by LED indicator (01)** will turn off. The display shows the main menu.

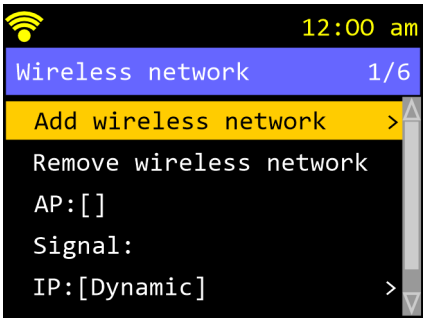
5.4. Network Setup

You can connect the CDI-160BT to a computer, laptop, tablet or smartphone with a wireless module (Wi-Fi). You can also connect the devices with a CAT-5 cable (LAN).

5.4.1. Wi-Fi Setup

You can set up Wi-Fi via the Configuration menu (see 7.12. Configuration on page 35) and Network submenus (see 7.12.1. Network).

In this section, you can connect the device to the router. You can configure the network connection in one of the 2 ways: Scan or with WPS.



01) Turn the **tune/select control (09)** to choose Add wireless network.
02) Press the **tune/select control (09)** to confirm.
03) Turn the **tune/select control (09)** to choose Scan & Select (see 5.4.1.1. Scan & Select) or WPS (see 5.4.1.2. WPS) button.
04) Press the **tune/select control (09)** to confirm.

5.4.1.1. Scan & Select

If you choose Scan & Select, the device will scan for available routers:

01) Turn the **tune/select control (09)** to choose a router.
02) Press the **tune/select control (09)** to confirm.
03) If required, enter the network password (see 5.5. Entering Text on page 15).

5.4.1.2. WPS

If you choose WPS button, the device will scan for available WPS routers:

01) Turn the **tune/select control (09)** to choose a router.
02) Press the **tune/select control (09)** to confirm.
03) Press the WPS button on your router to connect.

5.4.2. LAN Setup

If the device is connected to the router with a network cable, internet access is automatic. No further actions are necessary.

5.4.3. Network Indicator Display Status

The network indicator is visible in the upper left corner of the display. It has the following 2 statuses:

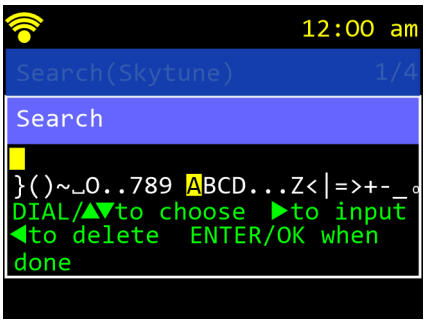


Wi-Fi internet connection



LAN internet connection

5.5. Entering Text



To enter a password or search for phrases:

01) Turn the **tune/select control (09)** to choose characters.
02) Press the **FORWARD button (D)** to confirm.
03) If you make a mistake, press the **BACK button (C)** to remove the wrong character.
04) Repeat steps 01–03 to type in the desired word or phrase.
05) Press the **tune/select control (09)** to confirm.

The available characters are uppercase letters, digits, punctuation marks, and some symbols.

6. Operation

6.1. Safety Instructions for Operation

Attention
This device must be used only for the purposes it is designed for.

This device is intended for professional use as a CD and media player. It can be used only indoors. This device is not suitable for households.

Any other use, not mentioned under intended use, is regarded as non-intended and incorrect use.

Attention
Power supply

Before connecting the device to the power supply, make sure that the current, voltage and frequency match the input voltage, current and frequency specified on the information label on the device.

6.2. Operation Modes

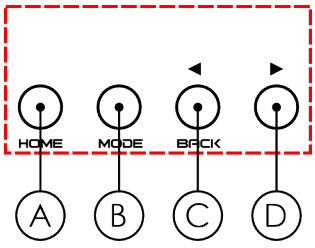
To use all modes on the device, it is necessary to establish an internet connection (see 5.4. Network Setup on page 14).

The CDI-160BT supports the following operation modes:

- Internet radio (see 7.2. Internet Radio on page 25)
- Media centre (UPnP/DLNA) (see 7.3. Media Centre on page 27)
- USB player (see 7.4. USB Player on page 29)
- CD player (see 7.5. CD Player on page 29)
- DAB radio (see 7.6. DAB Radio on page 30)
- FM radio (see 7.7. FM Radio on page 30)
- Bluetooth streaming (see 7.8. Bluetooth Streaming on page 31)
- Podcasts (see 7.13. Podcasts on page 47)

6.3. Control Buttons

Figure 7



A) HOME button
B) MODE button
C) BACK button
D) FORWARD button

- Use the **HOME** button to exit the current submenu and return to the main menu.
- Use the **MODE** button to cycle through and select available modes.
- Use the **BACK** button to return to the previous screen or decrease values.
- Use the **FORWARD** button to move forward or increase values.

Note:

There are also control buttons for the CD player (see 7.5.1. Control buttons for CD player on page 29).

6.4. Start-up

If you start the device for the first time, you will have to choose the menu language and configure the wireless network. You need to perform these actions only once.

6.4.1. Choosing Menu Language

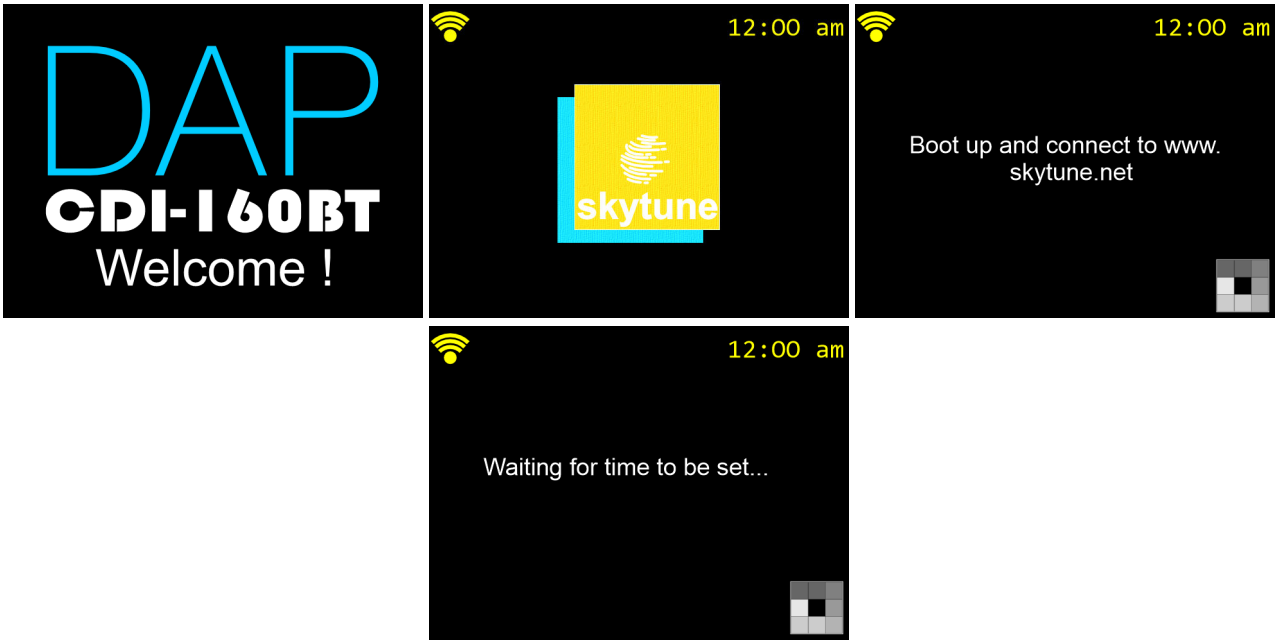
When starting up for the first time, you will have to select a language (see 7.12.3. Language on page 39).

6.4.2. Configuring the Network for the First Time

- If you use LAN, the device will automatically connect to the network.
- If you use Wi-Fi, you will have to configure the network (see 5.4. Network Setup on page 14).

When the network is configured or when you use LAN (and on each subsequent start-up), the display shows the following screens:

Figure 8



The power-on options (see 7.12.8. Power-on Options on page 42) determine the next step.

7. Main Menu Functions

The main menu has the following options:



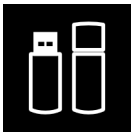
My Favourite (see 7.1. My Favourite on page 19)



Internet Radio (see 7.2. Internet Radio on page 25)



Media Centre (see 7.3. Media Centre on page 27)



USB Player (see 7.4. USB Player on page 29)



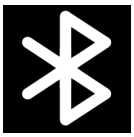
CD Player (see 7.5. CD Player on page 29)



DAB Radio (see 7.6. DAB Radio on page 30)



FM Radio (see 7.7. FM Radio on page 30)



Bluetooth Streaming (see 7.8. Bluetooth Streaming on page 31)



Alarm (see 7.9. Alarm on page 31)



Timer (see 7.10. Timer on page 34)



Sleep Timer (see 7.11. Sleep Timer on page 35)



Configuration (see 7.12. Configuration on page 35)



Podcasts (see 7.13. Podcasts on page 47)

- Turn the **tune/select control (09)** to navigate through the menu and to choose options in submenus.
- Press the **tune/select control (09)** to open the submenus and to confirm your choices.
- Press the **BACK (C)** button to return to a previous menu screen or to cancel your latest input.
- Press the **FORWARD (D)** button to scroll for more options (if available).

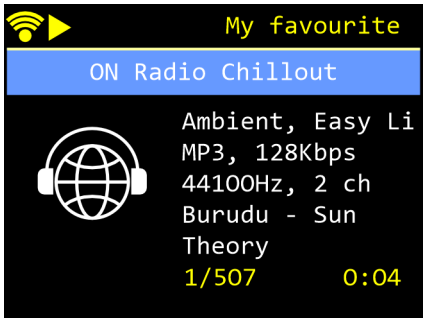
7.1. My Favourite

In this menu, you can browse through and listen to your favorite internet radio stations.

To be able to browse through your favorite internet radio stations (see 7.2. Internet Radio on page 25), you need to search for and save them on the device (see 7.14. Saving Internet Radio Stations to My Favourite on page 47).



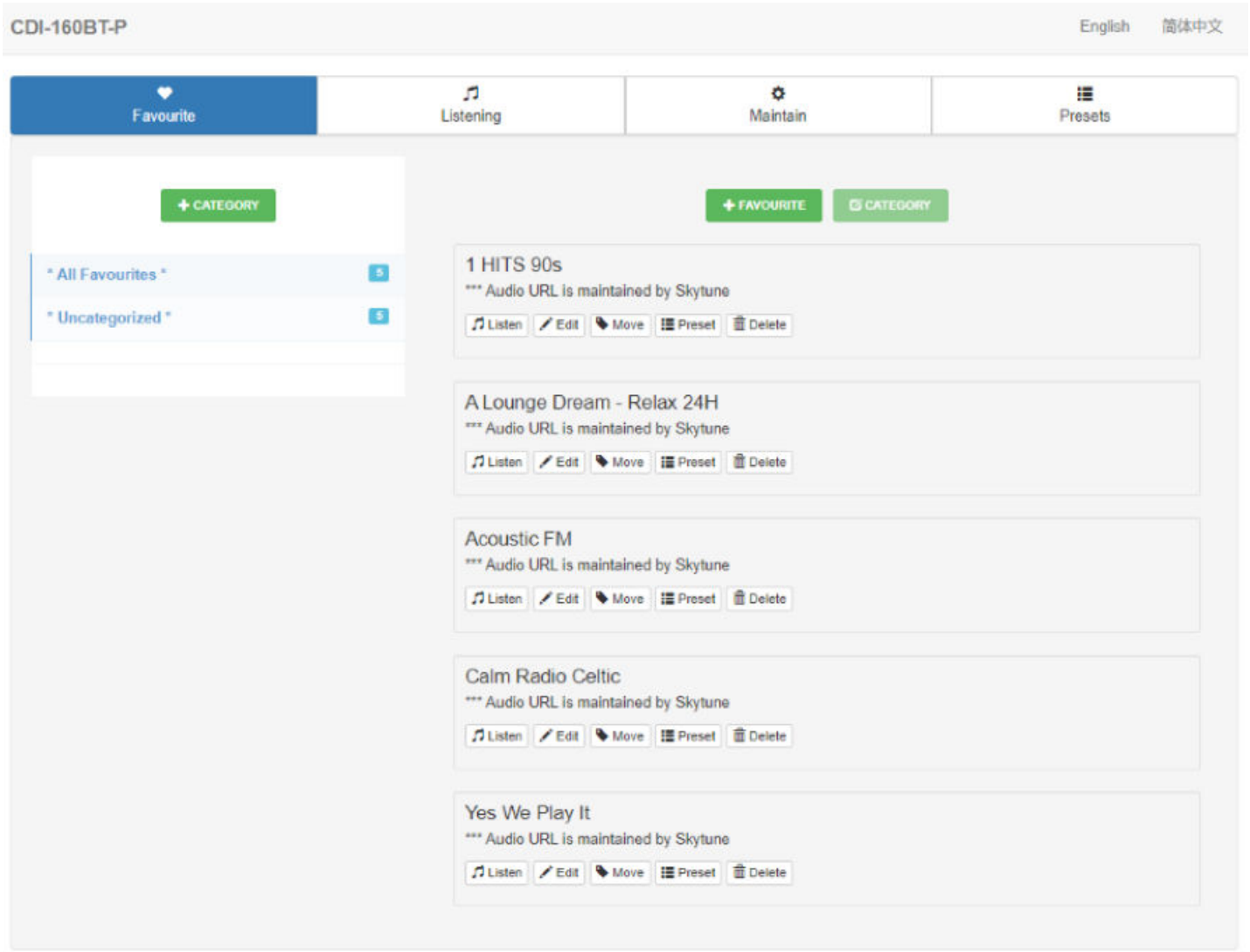
01) Turn the **tune/select control (09)** to choose one of the available radio stations.
02) Press the **tune/select control (09)** to confirm. The display shows the information screen:



7.1.1. Managing Favourites, Presets and Listening Options With a PC or Smartphone

You can view, listen to, manage and maintain favourites, control listening options and view, listen to and manage presets with a PC or smartphone.

01) Connect your PC/smartphone to the same Wi-Fi network as the CDI-160BT.
02) Find the IP address of the CDI-160BT (see 7.12.15. Network Information on page 46).
03) Open an internet browser.
04) Enter the IP address in the address bar of your internet browser. The screen shows:



The following options are available:

Favourite tab

- Listen: Click to listen to the station
- Edit: Click to edit the following details: Name, URL, Icon, Location, Genre
- Move: Click to move the station to another category
- Preset: Click to copy to Preset
- Delete: Click to delete station

Listening tab

- Volume Up
- Volume Down
- Volume Off
- Remove from Favourite

Maintain tab

- Export tab: Click to export favourites
- Import tab: Click to import favourites

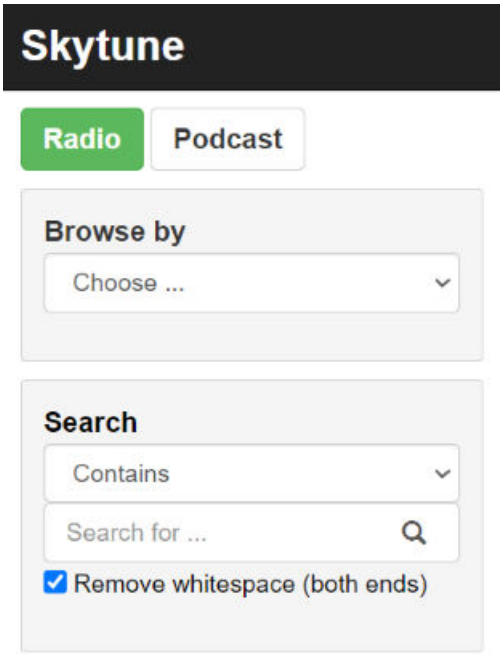
Presets tab

- Listen: Click to listen to the station
- Edit: Click to edit the following details: Name, URL, Icon, Location, Genre
- Move: Click to move the station to a different Preset position
- Delete: Click to delete station

7.1.2. Managing My Favourite and Listening to Podcasts With the Skytune Radio Portal

You can view and edit My Favourite and listen to podcasts with the Skytune radio portal.

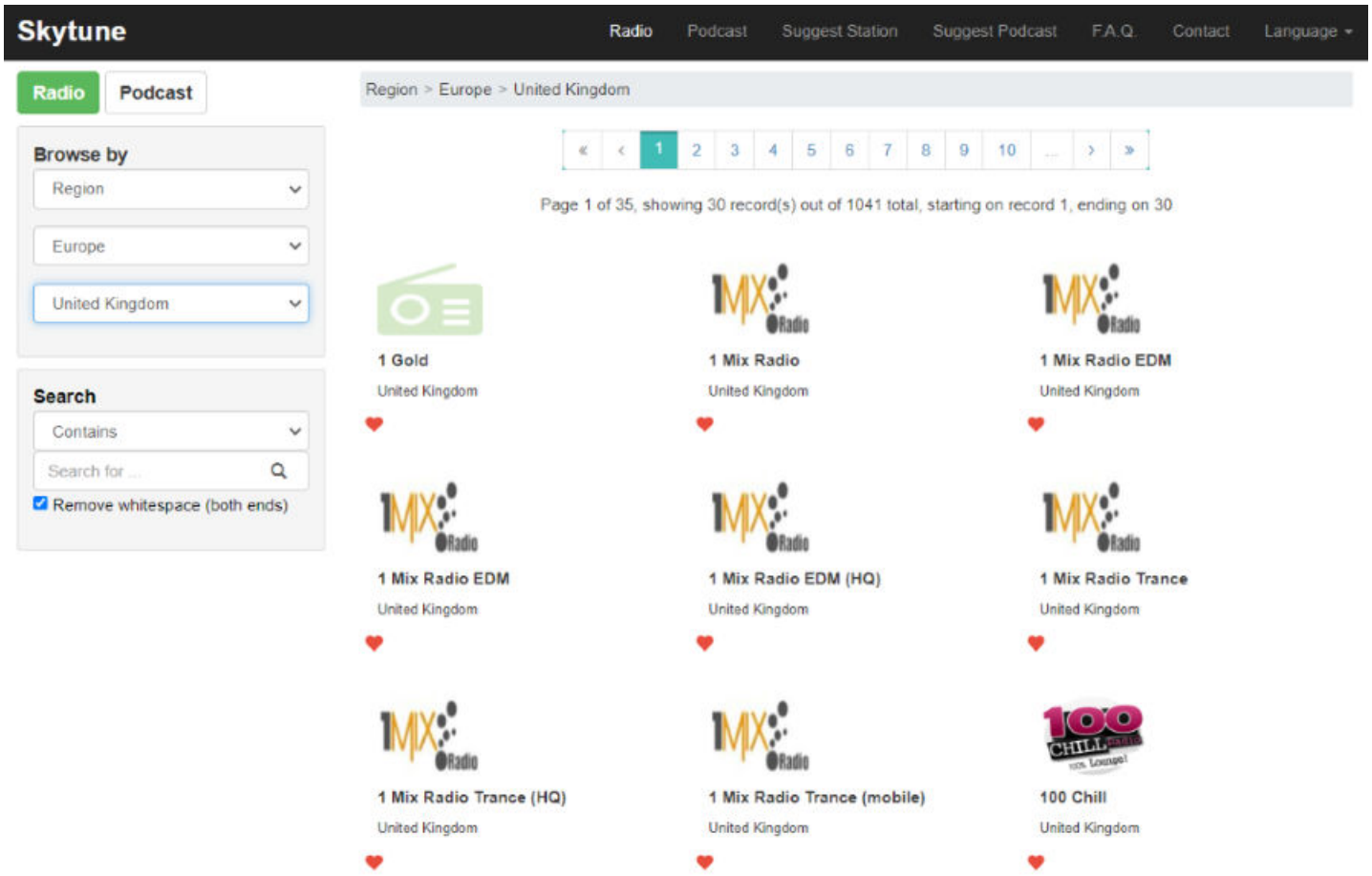
01) Connect your PC/smartphone to the same Wi-Fi network as the CDI-160BT.
02) Open an internet browser.
03) Enter www.skytune.net in the address bar of your internet browser.
04) Click the **Browse/Search** button on the screen. The screen shows:



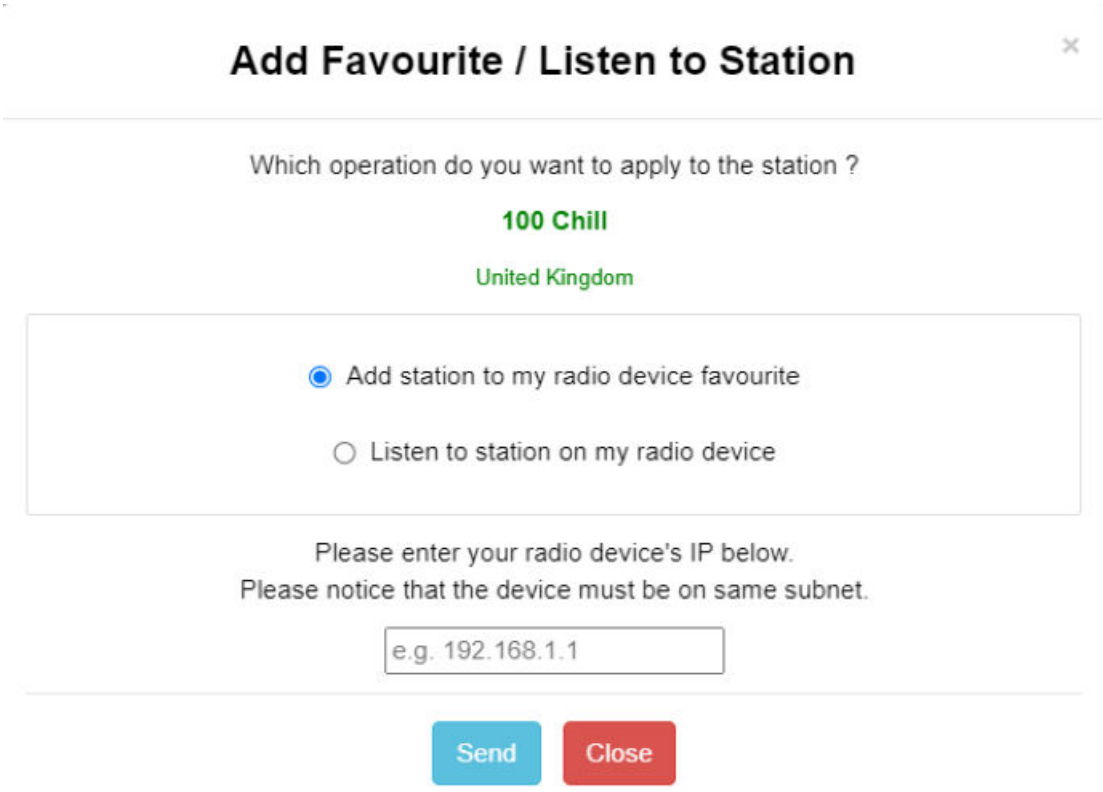
05) Search for a radio station (see 7.1.2.1. Add Favourite / Listen to Radio Stations) or podcast (see 7.1.2.2. Listening to Podcasts) using the **Browse by (Category)** or **Search** function.

7.1.2.1. Add Favourite / Listen to Radio Stations

For radio, the screen shows:



01) Click on the heart icon of the desired radio station. The screen shows:

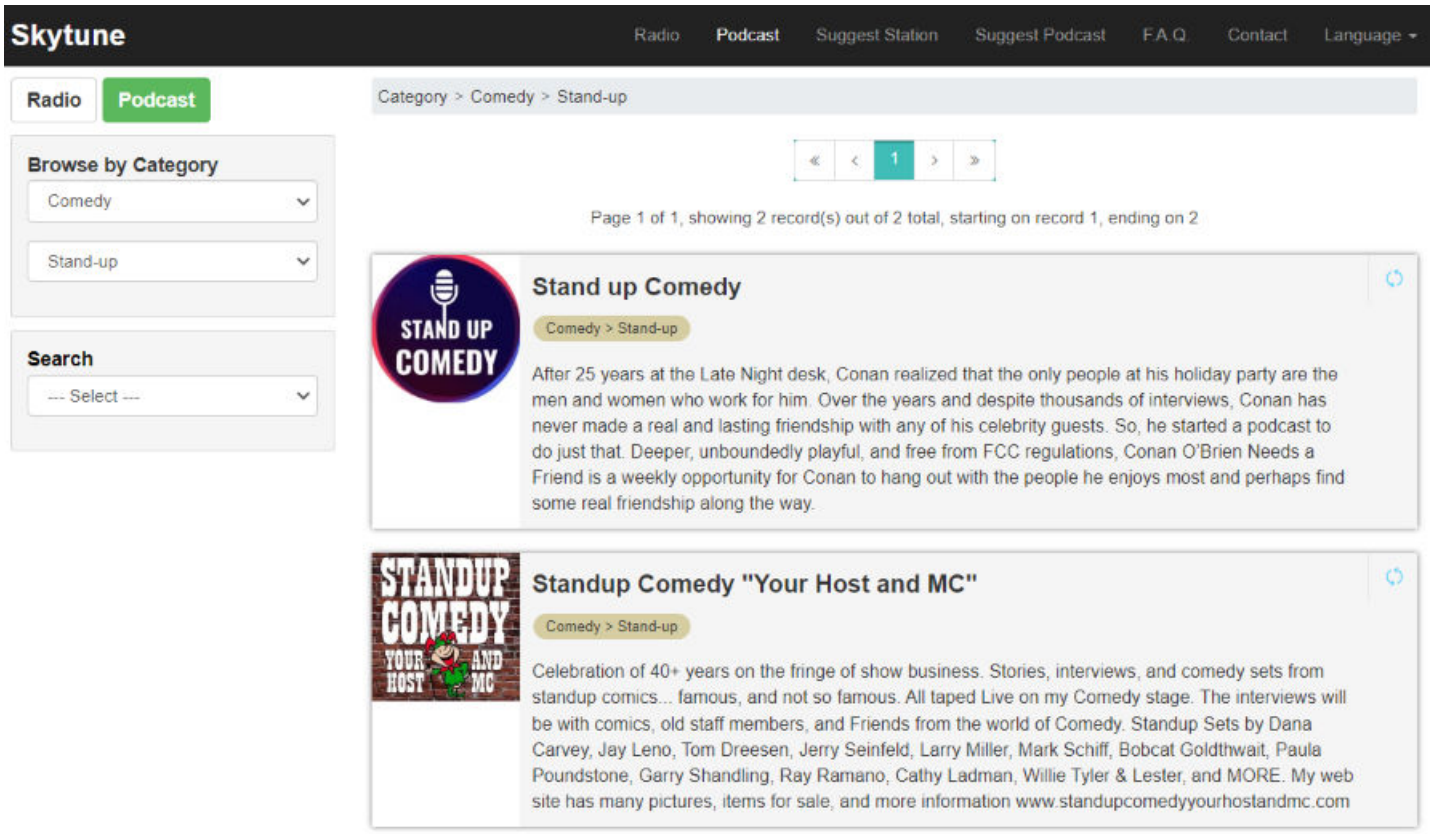


02) Choose one of the 2 options:
    - Add station to my radio device favourite
    - Listen to the station on my radio device
03) Find the IP address of the device (see 7.12.15. Network Information on page 46).
04) Enter the IP address in the IP address field.
05) Click **Send** to confirm the action.

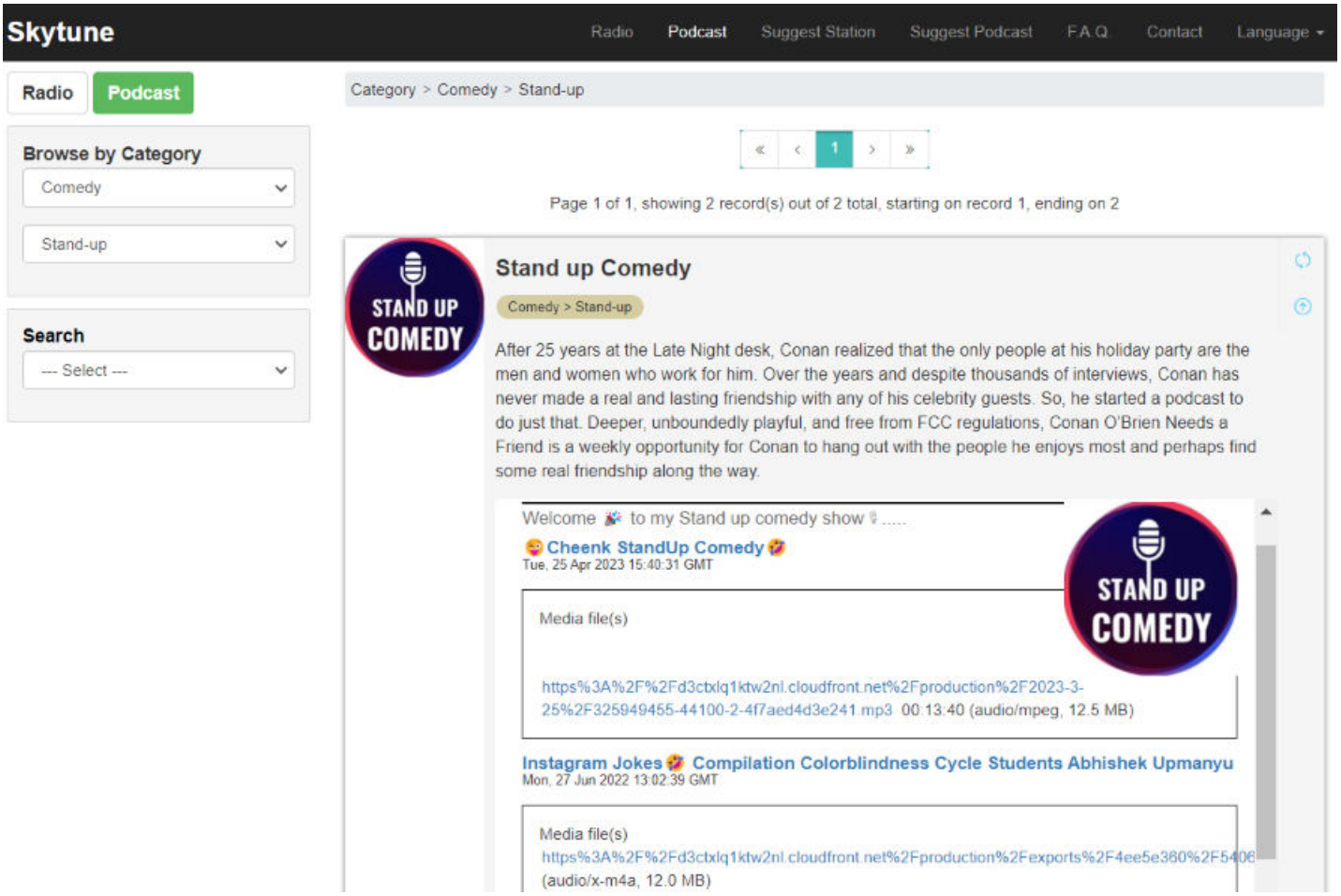
Depending on your selection, the selected radio station will be added to My Favourite or the selected radio station will start playing. You will also be redirected to the Managing Favourites screen (see 7.1.1. Managing Favourites, Presets and Listening Options With a PC or Smartphone on page 20).

7.1.2.2. Listening to Podcasts

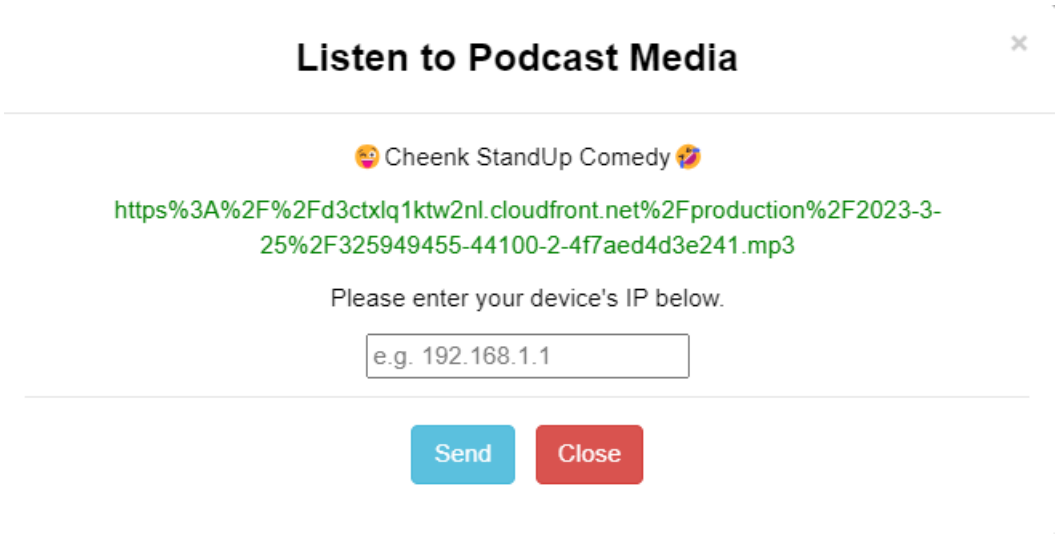
For podcasts, the screen shows:



01) Click on the refresh icon of the desired podcast. The screen shows:



02) Click on the media file of the desired podcast. The screen shows:

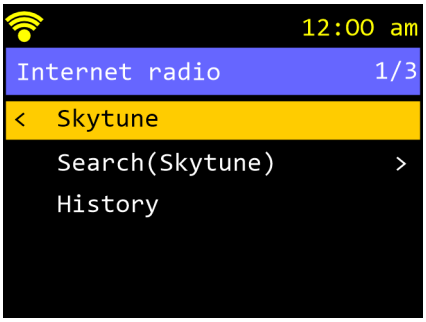


03) Find the IP address of the device (see 7.12.15. Network Information on page 46).
04) Enter the IP address in the IP address field.
05) Click **Send** to confirm the action.

The selected podcast will start playing and you will be redirected to the Managing Favourites screen (see 7.1.1. Managing Favourites, Presets and Listening Options With a PC or Smartphone on page 20).

7.2. Internet Radio

In this menu, you can search for and listen to internet radio stations.

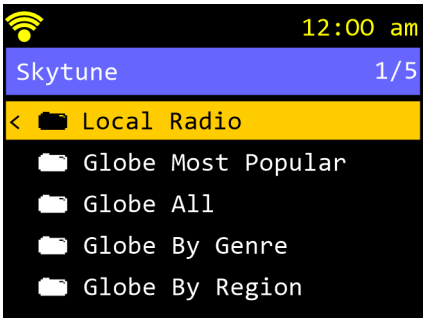


01) Turn the **tune/select control (09)** to select one of the 3 options:
- Skytune (see 7.2.1. Skytune)
- Search(Skytune) (see 7.2.2. Search(Skytune))
- History (see 7.2.3. History)

02) Press the **tune/select control (09)** to confirm.

7.2.1. Skytune

In this menu, you can browse through the available internet radio stations.



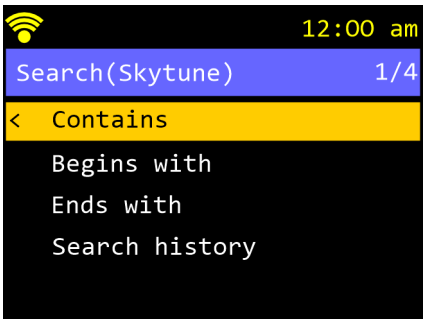
01) Turn the **tune/select control (09)** to select one of the 5 options:
- Local Radio: Local internet radio stations
- Globe Most Popular: Most popular internet radio stations in the world

- Globe All: All internet radio stations
- Globe By Genre: Internet radio stations grouped by genre
- Globe By Region: Internet radio stations grouped by continent, country and genre

02) Press the **tune/select control (09)** to confirm.
03) Turn the **tune/select control (09)** to choose folders/subfolders.
04) Press the **tune/select control (09)** to open folders/subfolders.
05) Press the **tune/select control (09)** to activate internet radio stations.

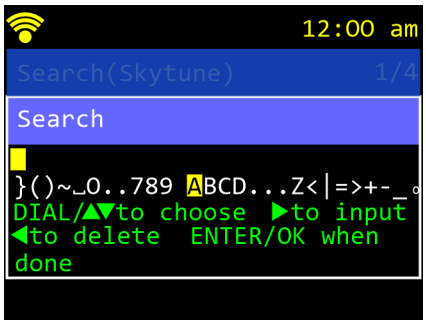
7.2.2. Search(Skytune)

In this menu, you can search for internet radio stations by name.



01) Turn the **tune/select control (09)** to select one of the 4 options:
- Contains: Search for words and phrases
- Begins with: Search for the beginning name letters
- Ends with: Search for the end name letters
- Search history: Search for the words/phrases/letters that you searched for before

02) If you select Contains, Begins with or Ends with, press the **tune/select control (09)** to confirm. The display shows:



03) Enter the desired text. (see 5.5. Entering Text on page 15)
04) Turn the **tune/select control (09)** to select internet radio stations.
05) Press the **tune/select control (09)** to activate the selected internet radio station.

If you select Search history in step 1, press the **tune/select control (09)** to confirm. The display shows:



01) Turn the **tune/select control (09)** to select the desired word or phrase.
02) Press the **tune/select control (09)** to confirm.

The device will search for radio stations containing the selected word or phrase.

7.2.3. History

In this menu, you can view and activate up to 99 recently listened to internet radio stations.

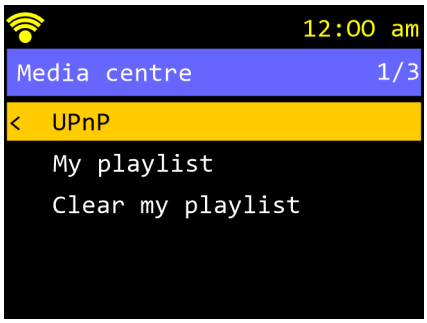


01) Turn the **tune/select control (09)** to select internet radio stations.
02) Press the **tune/select control (09)** to activate the selected internet radio station.

7.3. Media Centre

In this menu, you can stream music from a media server (e.g. a PC) via UPnP or DLNA.

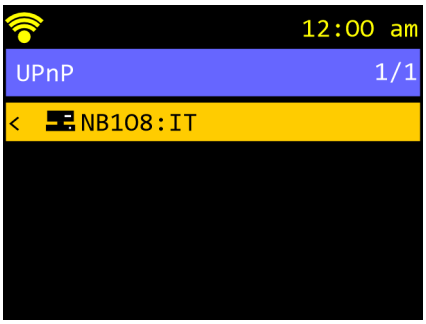
- Enable UPnP on your router and on your PC. Read the user manuals of your PC's operating system and of your router for more information.
- On your PC, enable sharing of the folders containing music files. Read the user manual of your PC's operating system for more information



01) Turn the **tune/select control (09)** to select one of the 3 options:
    - UPnp (see 7.3.1. UPnP)
    - My playlist (see 7.3.2. My Playlist)
    - Clear my playlist (see 7.3.3. Clear My Playlist)
02) Press the **tune/select control (09)** to confirm.

7.3.1. UPnP

In this menu, you can access the UPnP media server.



01) Turn the **tune/select control (09)** to select the available media server(s).
02) Press the **tune/select control (09)** to open the media server.
03) Turn the **tune/select control (09)** to browse through the shared folders.
04) Press the **tune/select control (09)** to open the selected folder.
05) Turn the **tune/select control (09)** to browse through the shared music files.
06) Press the **tune/select control (09)** to play the selected music file.
07) Press and hold down the **tune/select control (09)** for 5 seconds to add the selected music file to the playlist (see 7.3.2. My Playlist).

7.3.2. My Playlist

In this menu, you can browse through and listen to your favorite UPnP music files. You can add up to 99 music files.

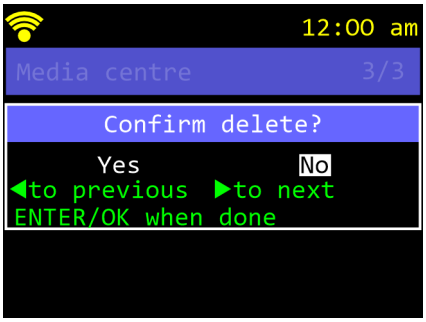
Note:

To be able to browse through your favorite UPnP music files, you need to add them first (see 7.3.1. UPnP).

01) Turn the **tune/select control (09)** to selected one of the available music files.
02) Press the **tune/select control (09)** to confirm. The device will play the selected file.

7.3.3. Clear My Playlist

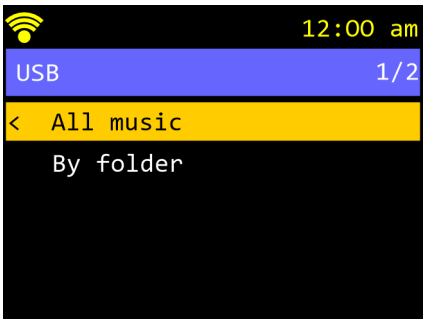
In this menu, you can clear the UPnP playlist.



01) Turn the **tune/select control (09)** to choose one of the 2 options:
    - Yes: The device will clear the playlist
    - No: The display will return to the previous menu
02) Press the **tune/select control (09)** to confirm.

7.4. USB Player

In this menu, you can play files from a USB drive.



01) Insert a compatible USB drive into the **USB-A connector IN (07)**.
02) Turn the **tune/select control (09)** to choose one of the 2 options:
- All music
- By folder

03) Press the **tune/select control (09)** to confirm.
04) Turn the **tune/select control (09)** to select a file.
05) Press the **tune/select control (09)** to confirm.

Notes:

- A compatible USB drive is USB 2.0 (max.) with 4000 files (max.).
- Compatible file formats include: WAV, MP3, FLAC, AAC and AAC+.

7.5. CD Player

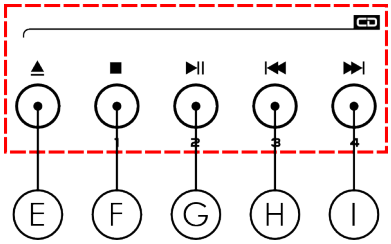
To play a compact disc, insert a CD into the **CD slot (06)**.

The CDI-160BT will read the disc and start playing automatically.

The CDI-160BT has buttons to control the CD player (see 7.5.1. Control buttons for CD player on page 29).

7.5.1. Control buttons for CD player

Figure 9



E) EJECT button
F) STOP button
G) PLAY/PAUSE button
H) SKIP BACKWARD button
I) SKIP FORWARD button

- Use the **EJECT** button to eject a CD from the CD player.
- Use the **STOP** button to stop playing the CD.
- Use the **PLAY/PAUSE** button to play or pause the CD.
- Use the **SKIP BACKWARD** button to restart the current track or skip back to the previous track.
- Use the **SKIP FORWARD** button to skip forward to the next track.

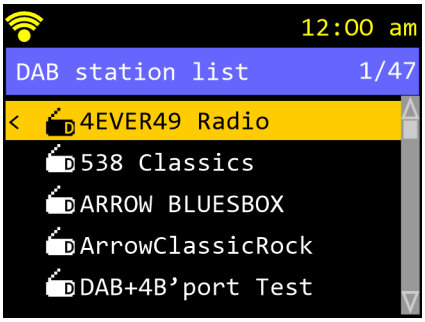
7.6. DAB Radio

In this menu, you can browse through and listen to DAB radio stations.

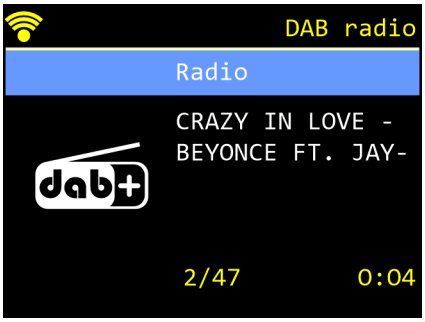
Note:

To be able to browse through DAB radio stations, you need to search for and save them on the device.

01) Press the **tune/select control (09)** to start the scan. The display shows "Scan DAB station?".
02) Press the **tune/select control (09)** to confirm. The device will search for and save all available DAB radio stations. The display shows:



03) Turn the **tune/select control (09)** to select one of the available DAB radio stations.
04) Press the **tune/select control (09)** to confirm. The display shows the information screen:



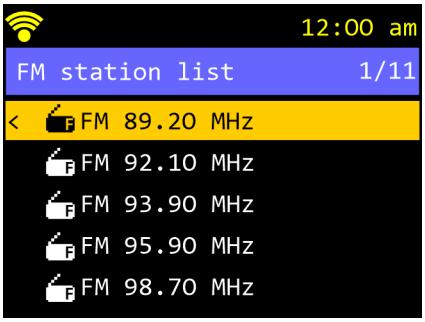
7.7. FM Radio

In this menu, you can browse through and listen to FM radio stations. You can also manually tune the FM radio frequency (see 7.17. Manual FM Frequency Tuning on page 48).

Note:

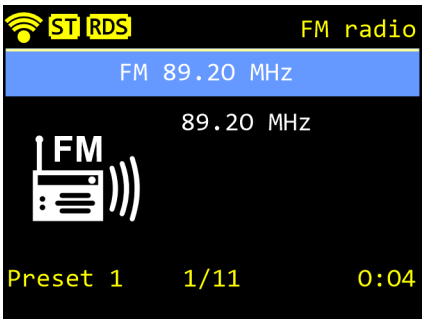
To browse through FM radio stations, you need to search for and save them on the device.

01) Press the **tune/select control (09)** to start the scan. The display shows "Scan FM station?".
02) Press the **tune/select control (09)** to confirm. The device will search for and save all available FM radio stations. The display shows:



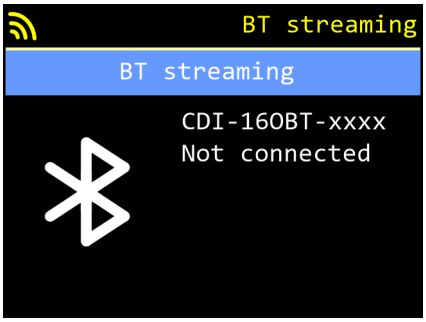
03) Turn the **tune/select control (09)** to select one of the available FM radio stations.

04) Press the **tune/select control (09)** to confirm. The display shows the information screen:



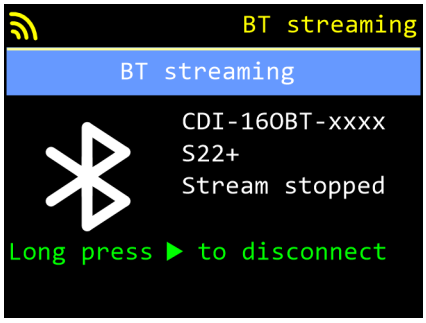
7.8. Bluetooth Streaming

In this menu, you can stream sound via Bluetooth signals from your mobile devices (smartphones, tablets, notebooks, etc.).



To be able to stream sound via Bluetooth signals, the CDI-160BT needs to be paired with your mobile device.

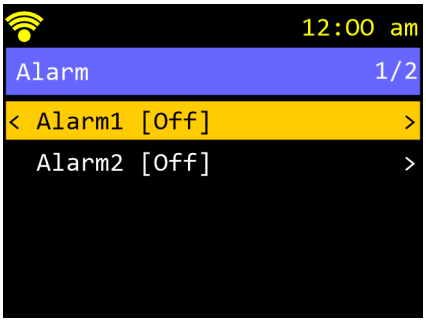
01) Start Bluetooth on your mobile device.
02) On your mobile device, scan for the available Bluetooth devices. The ID of the CDI-160BT is "CDI–160BT-xxxx".
03) On your mobile device, pair with the CDI-160BT. The display shows:



04) On your mobile device, search for and play music files or visit streaming services.
05) The CDI-160BT will receive signals from your mobile device.

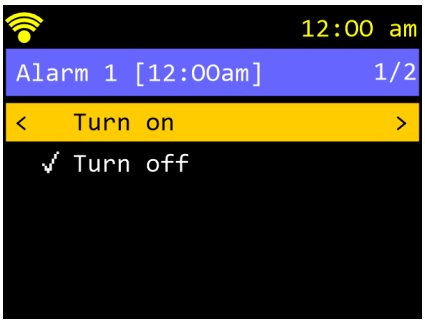
7.9. Alarm

In this menu, you can set the time when the device turns on. You can set 2 alarms.



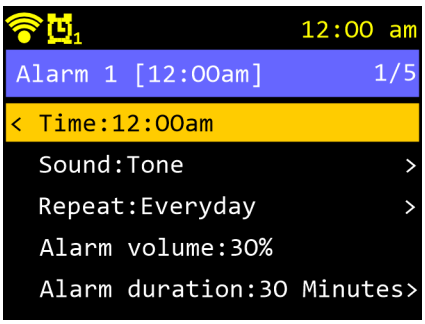
01) Turn the **tune/select control (09)** to choose one of the 2 available alarms.

02) Press the **tune/select control (09)** to confirm. The display shows:



03) Turn the **tune/select control (09)** to choose one of the 2 options:
- Turn on: Set the alarm, see step 4 below
- Turn off: The display will return to the previous screen

04) Press the **tune/select control (09)** to confirm. The display shows:

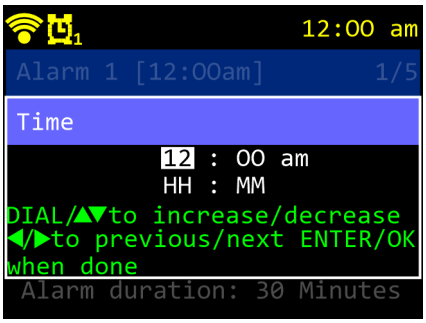


05) Turn the **tune/select control (09)** to select one of the 5 options:
- Time (see 7.9.1. Time)
- Sound (see 7.9.2. Sound)
- Repeat (see 7.9.3. Repeat)
- Alarm volume (see 7.9.4. Alarm Volume)
- Alarm duration (see 7.9.5. Alarm Duration)

06) Press the **tune/select control (09)** to confirm.

7.9.1. Time

In this menu, you can set the alarm time.



01) Press the **BACK (C) / FORWARD (D)** buttons to choose the hours or the minutes.
02) Turn the **tune/select control (09)** to set the values. The adjustment ranges are 00–12 hours (in 12-hour time format), 00–23 hours (in 24-hour time format), 00–59 (minutes), and am or pm (in 12-hour time format (see 7.12.2. Date & Time on page 37)).
03) Press the **tune/select control (09)** to confirm.

7.9.2. Sound

In this menu, you can select the sound source of the alarm. You can select one of the following 4 options:



01) Turn the **tune/select control (09)** to select one of the 4 options:
- Tone: Default alarm tone
- My favourite (see 7.1. My Favourite on page 19)
- FM radio (see 7.7. FM Radio on page 30)
- DAB radio (see 7.6. DAB Radio on page 30)

02) Press the **tune/select control (09)** to confirm.

7.9.3. Repeat

In this menu, you can set the alarm frequency. Alarms can be set for chosen days or for every day of the week.

By default, the alarms are set to Everyday.



To change the settings:

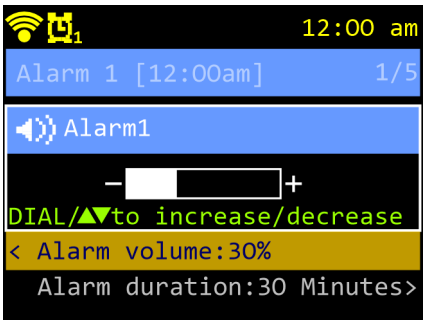
01) Press the **tune/select control (09)**. The display shows:



02) Turn the **tune/select control (09)** to select the alarm frequency.
03) Press the **tune/select control (09)** to confirm your selection.
04) Repeat steps 02–03 to set the alarm for multiple days.
05) Press the BACK button to confirm and return to the previous menu.

7.9.4. Alarm Volume

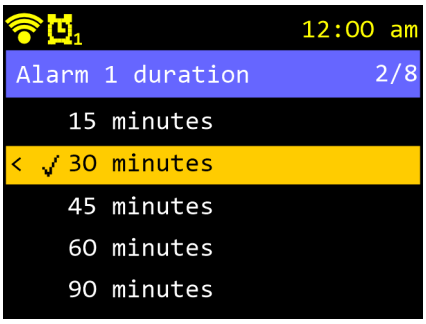
In this menu, you can set the alarm volume.



01) Turn the **tune/select control (09)** to set the alarm volume. The adjustment range is 3–100 %, in increments of 3 %.
02) Press the **tune/select control (09)** to confirm.

7.9.5. Alarm Duration

In this menu, you can set the alarm duration.



01) Turn the **tune/select control (09)** to set the alarm duration. The adjustment range is 15–180 minutes (8 increments: 15, 30, 45, 60, 90, 120, 150, 180 minutes).
02) Press the **tune/select control (09)** to confirm.

7.10. Timer

In this menu, you can set the timer.

01) Press **BACK (C)** or **FORWARD (D)** to set the timer.

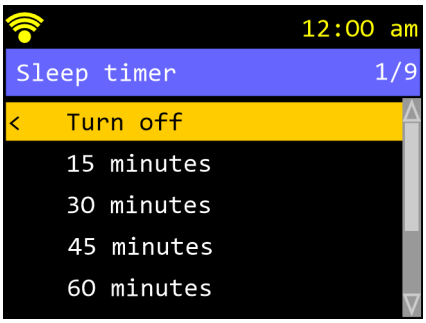


02) Press **BACK (C)** or **FORWARD (D)** to select hours, minutes and seconds.
03) Turn the **tune/select control (09)** to set the timer. The adjustment range is 00–99 hours, 00–59 minutes, and 00–59 seconds.
04) Press the **tune/select control (09)** to confirm. The device will count down to zero and stop any media that is playing after the preset amount of time.

To pause/resume the timer, press the **tune/select control (09).**

7.11. Sleep Timer

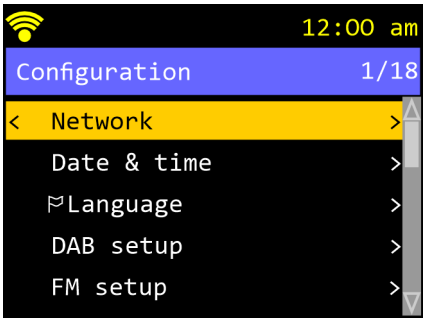
In this menu, you can set the sleep timer.



01) Turn the **tune/select control (09)** to set the sleep timer. The adjustment range is 15–180 minutes (8 increments: 15, 30, 45, 60, 90, 120, 150, 180 minutes) and Turn off (sleep timer off).
02) Press the **tune/select control (09)** to confirm. The device will enter stand-by mode after the preset amount of time.

7.12. Configuration

In this menu, you can view and change the settings of the device.

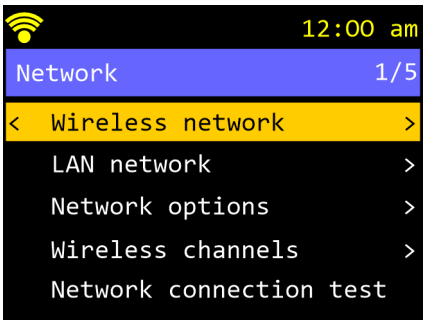


01) Turn the **tune/select control (09)** to select one of the 18 submenus:
- Network (see 7.12.1. Network)
- Date & time (see 7.12.2. Date & Time)
- Language (see 7.12.3. Language)
- DAB setup (see 7.12.4. DAB Setup)
- FM setup (see 7.12.5. FM Setup)
- Local radio (see 7.12.6. Local Radio)
- Playback setup (see 7.12.7. Playback Setup)
- Power-on options (see 7.12.8. Power-on Options)
- Auto power save (see 7.12.9. Auto Power Save)
- Dimmer (see 7.12.10. Dimmer)
- EQ (see 7.12.11. EQ)
- Buffer time (see 7.12.12. Buffer Time)
- Line/Digital out (see 7.12.13. Line/Digital Out)
- Timer (see 7.12.14. Timer)
- Network information (see 7.12.15. Network Information)
- System information (see 7.12.16. System Information)
- Software update (see 7.12.17. Software Update)
- Reset to default (see 7.12.18. Reset to Default)

02) Press the **tune/select control (09)** to confirm.

7.12.1. Network

In this menu, you can set up the network.



01) Turn the **tune/select control (09)** to select one of the 5 submenus:
- Wireless network
- LAN network
- Network options
- Wireless channels
- Network connection test

02) Press the **tune/select control (09)** to confirm.

Wireless Network

In this submenu, you can manage the Wi-Fi network.

01) Turn the **tune/select control (09)** to select one of the 6 options:
- Add wireless network: Add a wireless network to the list (see 5.4.1. Wi-Fi Setup on page 14)
- Remove wireless network: Remove a wireless network from the list
- AP: Change the active access point, if necessary
- Signal: Indicates the quality of the signal. If the signal is lower than 70 dBm, check the position of the router or check it for errors
- IP: Choose between Dynamic and Fixed
- DNS: Choose between Dynamic and Fixed

02) Press the **tune/select control (09)** to confirm the selection.
03) Press the **tune/select control (09)** to confirm the change or removal of the item or press the **BACK button (C)** to abort.

LAN Network

In this submenu, you can change the settings of the LAN network.

01) Turn the **tune/select control (09)** to choose one of the 2 submenus:
- IP: Choose between Dynamic and Fixed
- DNS: Choose between Dynamic and Fixed

02) Press the **tune/select control (09)** to open the submenus.
03) Turn the **tune/select control (09)** to select the options.
04) Press the **tune/select control (09)** to confirm.

Network Options

In this submenu, you can set the Wi-Fi access.

01) Turn the **tune/select control (09)** to select one of the 3 options:
- Always on: Wi-Fi remains on. It provides faster access when turning on the device
- Auto off in 15s: Wi-Fi turns off after 15 seconds when not used to save energy
- Auto off in 30s: Wi-Fi turns off after 30 seconds when not used to save energy

02) Press the **tune/select control (09)** to confirm.

Wi-Fi Channels

In this submenu, you can set the country-specific Wi-Fi radio channels.

01) Turn the **tune/select control (09)** to select one of the 4 options:
- China
- Japan
- USA
- Europe

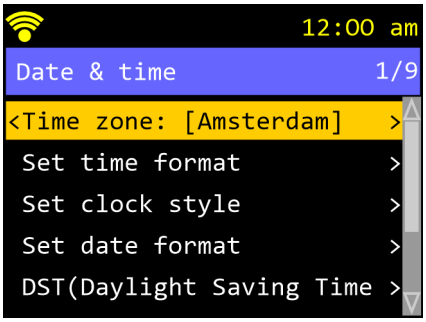
02) Press the **tune/select control (09)** to confirm.

Network connection test

Choose this option to perform a network connection test.

7.12.2. Date & Time

In this menu, you can adjust the date and time settings.



01) Turn the **tune/select control (09)** to select one of the 9 options:
- Time zone
- Set time format
- Set clock style
- Set date format
- DST (Daylight Saving Time)
- NTP
- NTP server
- Set time from DAB
- Set time from FM

02) Press the **tune/select control (09)** to confirm.

Time Zone

In this submenu, you can set the time zone.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Auto-set time zone: The time zone will be set automatically
- Manual-set time zone: Choose the correct time zone manually. The time zones are grouped by continent and country.

02) Press the **tune/select control (09)** to confirm.

Set Time Format

In this submenu, you can set the time display format.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- 12 hour: 12-hour format
- 24 hour: 24-hour format

02) Press the **tune/select control (09)** to confirm.

Set Clock Style

In this submenu, you can set the clock style.

01) Turn the **tune/select control (09)** to select one of the following 3 options:
- Digital clock: The display shows a digital clock
- Analog clock 1: The display shows an analog clock
- Analog clock 2: The display shows an analog clock

02) Press the **tune/select control (09)** to confirm.

Set Date Format

In this submenu, you can set the date display format.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- DD/MM/YYYY: Day, month, year
- MM/DD/YYYY: Month, day, year

02) Press the **tune/select control (09)** to confirm.

DST (Daylight Saving Time)

In this submenu, you can turn the daylight saving time on and off.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- On DST: The device will adjust the displayed time to the summer or winter time
- Off DST: The device will not adjust the time

02) Press the **tune/select control (09)** to confirm.

NTP (Network Time Protocol)

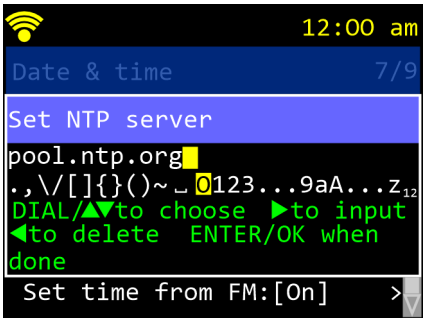
In this submenu, you can set whether the device will automatically show the network time or not.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Use network time: The device will show the network time
- Do not use network time: The device will not show the network time

02) Press the **tune/select control (09)** to confirm.

NTP Server

In this submenu, you can set the time server, which is necessary for automatic time setting.



Enter the desired text. (see 5.5. Entering Text on page 15)

Set Time From DAB

In this submenu, you can set whether the device will show the time of the DAB transmitter or not.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- On: DAB transmitter time is on
- Off: DAB transmitter time is off

02) Press the **tune/select control (09)** to confirm.

Set Time From FM

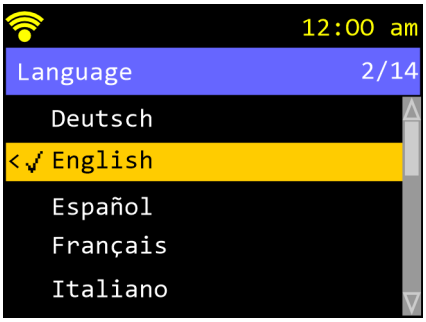
In this submenu, you can set whether the device will show the time of the FM transmitter or not.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- On: FM transmitter time is on
- Off: FM transmitter time is off

02) Press the **tune/select control (09)** to confirm.

7.12.3. Language

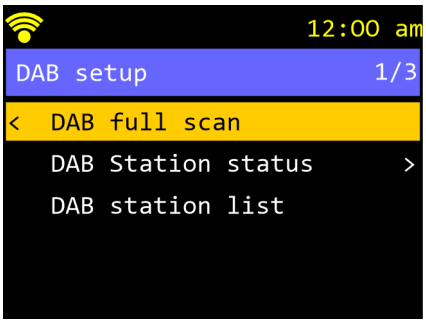
In this menu, you can set the main menu language.



01) Turn the **tune/select control (09)** to choose one of the 14 languages: German, English, Spanish, French, Italian, Dutch, Polish, Russian, Czech, Hungarian, Slovak, Romanian, Croatian or Chinese.
02) Press the **tune/select control (09)** to confirm.

7.12.4. DAB Setup

In this menu, you can search for, save and listen to DAB radio stations.

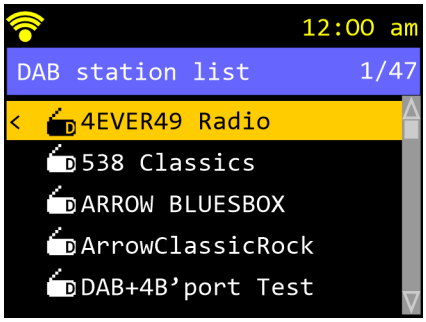


01) Turn the **tune/select control (09)** to select one of the 3 options:
- DAB full scan: The device will search for and save all available DAB radio stations
- DAB Station status: The device will show the status of DAB radio stations
- DAB station list: Browse through DAB radio stations

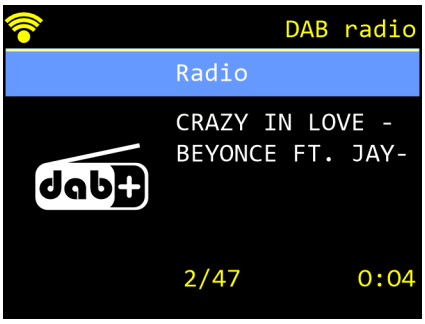
02) Press the **tune/select control (09)** to confirm.

To be able to browse through DAB radio stations, you need to search for and save them on the internet radio. Follow the steps below to add radio stations to the search list:

01) Press the **tune/select control (09)** to start the scan. The device will search for and save all available DAB radio stations. The display shows:

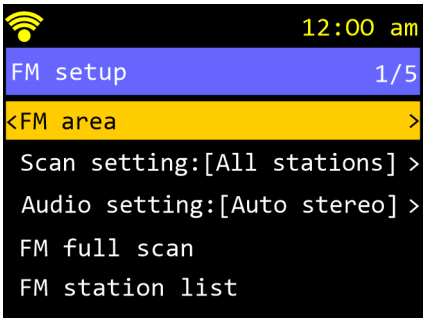


02) Turn the **tune/select control (09)** to select one of the available DAB radio stations.
03) Press the **tune/select control (09)** to confirm. The display shows the information screen:



7.12.5. FM Setup

In this menu, you can set up, browse through and listen to FM radio stations.



01) Turn the **tune/select control (09)** to select one of the 5 submenus:
- FM area: Select the desired FM area
- Scan setting: FM search settings
- Audio setting: Select between Stereo and Mono
- FM full scan: The device will search for and save all available FM radio stations
- FM station list: Browse through FM radio stations

02) Press the **tune/select control (09)** to confirm.

FM Area

In this submenu, you can select the FM area where the device will search for FM radio stations.

01) Turn the **tune/select control (09)** to select one of the 5 FM areas:
- Asia > Japan
- Asia > Others
- Americas
- Europe > East Europe
- Europe > Others

02) Press the **tune/select control (09)** to confirm.

Scan Setting

In this submenu, you can adjust the FM search settings.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Strong stations only: The device will search for and save only the strongest FM radio stations
- All stations: The device will search for and save all available FM radio stations

02) Press the **tune/select control (09)** to confirm.

Audio Setting

In this submenu, you can adjust the audio settings.

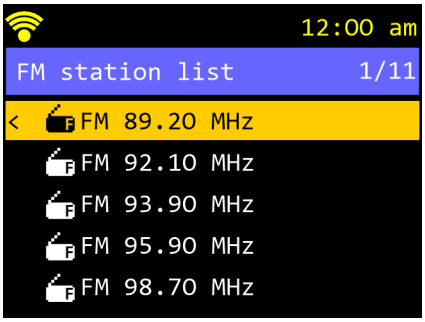
01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Forced Mono: The device will use one channel to convert a signal to sound
- Auto stereo: The device will use multiple channels to convert multiple signals to sound

02) Press the **tune/select control (09)** to confirm.

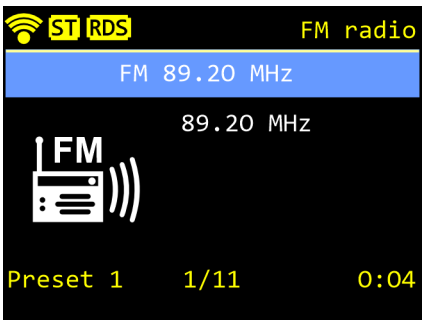
FM Full Scan

In this submenu, the device will search for and save all available FM radio stations.

01) When the scan is complete, the display shows:

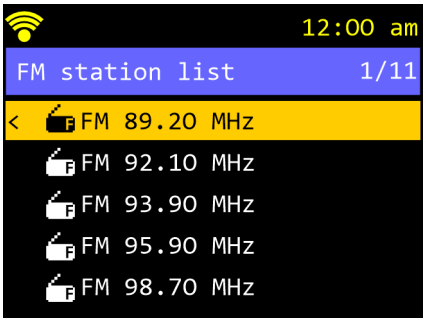


02) Turn the **tune/select control (09)** to select one of the available FM radio stations.
03) Press the **tune/select control (09)** to confirm. The display shows the information screen:



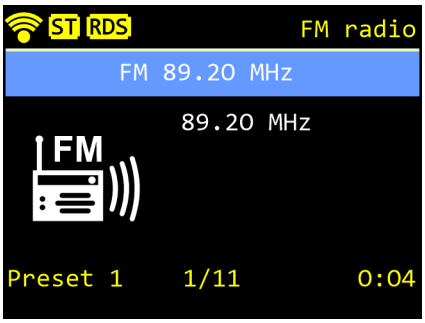
FM Station List

In this submenu, you can browse through and listen to FM radio stations.



01) Turn the **tune/select control (09)** to select one of the available FM radio stations.

02) Press the **tune/select control (09)** to confirm. The display shows the information screen:



7.12.6. Local Radio

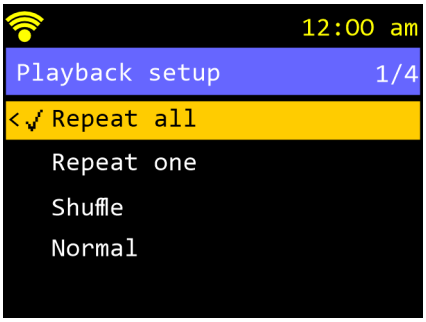
In this submenu, you can adjust the local radio settings.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Auto-set local radio: The device will automatically scan for radio stations in your area
- Manual-set local radio: Select your local area manually. The local areas are grouped by continent and country

02) Press the **tune/select control (09)** to confirm.

7.12.7. Playback Setup

In this menu, you can adjust the media centre playback settings.

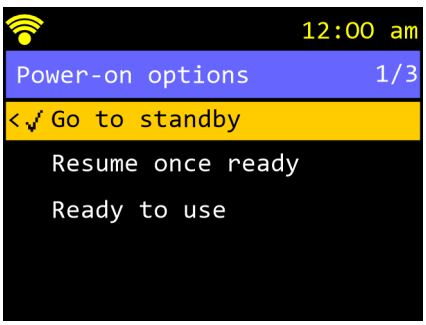


01) Turn the **tune/select control (09)** to select one of the 4 options:
- Repeat all: The device will repeat all tracks
- Repeat one: The device will repeat one track
- Shuffle: The device will play all tracks once, in a random order
- Normal: The device will play all tracks once

02) Press the **tune/select control (09)** to confirm.

7.12.8. Power-on Options

In this menu, you can decide what happens when the device is powered on.



01) Turn the **tune/select control (09)** to select one of the 3 options:
- Go to standby: The device will activate stand-by mode
- Resume once ready: The device will run the last active operation mode
- Ready to use: The device will return to the main menu

02) Press the **tune/select control (09)** to confirm.

7.12.9. Auto Power Save

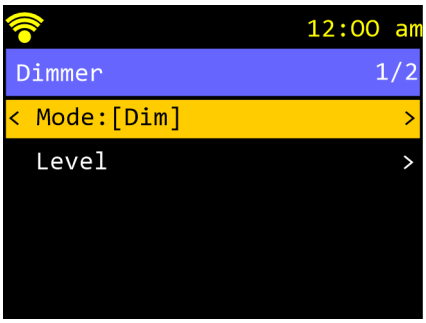
If the device is not active, it will enter power-saving mode after the selected period of time.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- 15 minutes: The device will enter power-saving mode after 15 minutes of inactivity
- 30 minutes: The device will enter power-saving mode after 30 minutes of inactivity

02) Press the **tune/select control (09)** to confirm.

7.12.10.Dimmer

In this menu, you can set the behavior of the display and the display brightness.



01) Turn the **tune/select control (09)** to choose one of the 2 submenus:
- Mode: Set the display behavior
- Level: Set the display brightness

02) Press the **tune/select control (09)** to confirm.

Mode

In this submenu, you can set the display behavior.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Normal: The display will remain at full brightness
- Dim: The display will be dimmed after 15 seconds

02) Press the **tune/select control (09)** to confirm.

Level

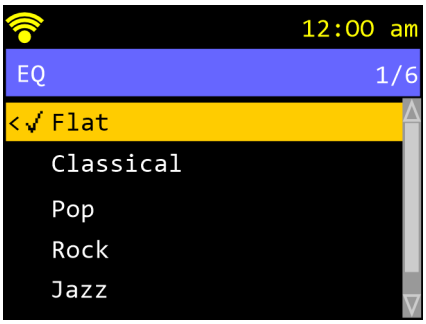
In this submenu, you can set the display brightness.

01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Bright: Adjust the brightness of the display. The adjustment range is 20–100 %.
- Dim: Adjust the brightness of the display when it is dimmed. The adjustment range is 0–100 %.

02) Press the **tune/select control (09)** to confirm.
03) Turn the **tune/select control (09)** to set the values.
04) Press the **tune/select control (09)** to confirm.

7.12.11.EQ

In this menu, you can choose one of the 5 equalizer presets or configure the equalizer (Advanced).

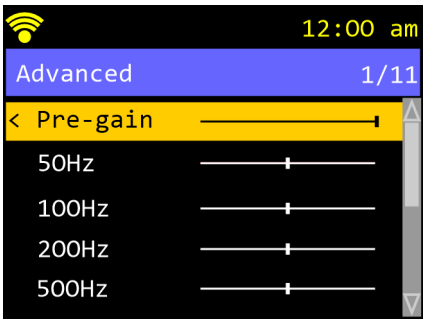


01) Turn the **tune/select control (09)** to select one of the 6 options:
- 5 equalizer presets: Flat, Classical, Pop, Rock, Jazz
- Advanced

02) Press the **tune/select control (09)** to confirm.

Advanced

If you have selected advanced, follow the steps below:

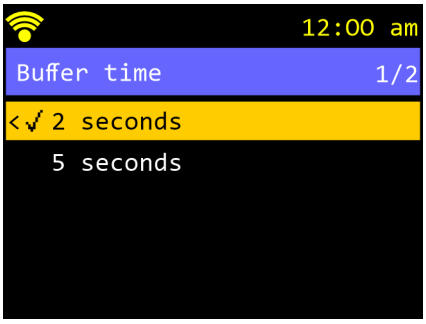


01) Turn the **tune/select control (09)** to choose one of the 11 settings:
- Pre-gain: From -12 dB to 0 dB
- 50 Hz: From -12 dB to +12 dB
- 100 Hz: From -12 dB to +12 dB
- 200 Hz: From -12 dB to +12 dB
- 500 Hz: From -12 dB to +12 dB
- 1 kHz: From -12 dB to +12 dB
- 1.5 kHz: From -12 dB to +12 dB
- 2 kHz: From -12 dB to +12 dB
- 5 kHz: From -12 dB to +12 dB
- 10 kHz: From -12 dB to +12 dB
- 14 kHz: From -12 dB to +12 dB

02) Press the **tune/select control (09)** to confirm.
03) Turn the **tune/select control (09)** to select the values.
04) Press the **tune/select control (09)** to confirm.

7.12.12.Buffer Time

In this menu, you can set the buffer time. When the device is on, data is stored temporarily in the memory to prevent interruptions in the data transfer. If your internet reception is poor, you can increase the buffer time to lower the number of interruptions.

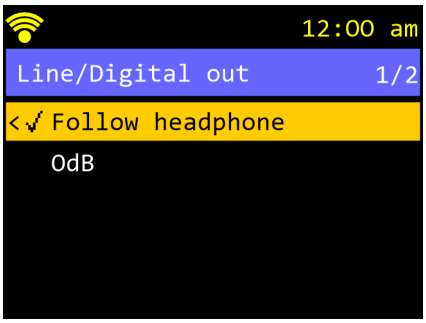


01) Turn the **tune/select control (09)** to choose one of the 2 options:
- 2 seconds
- 5 seconds

02) Press the **tune/select control (09)** to confirm.

7.12.13.Line/Digital Out

In this menu, you can set the line/digital output gain level.

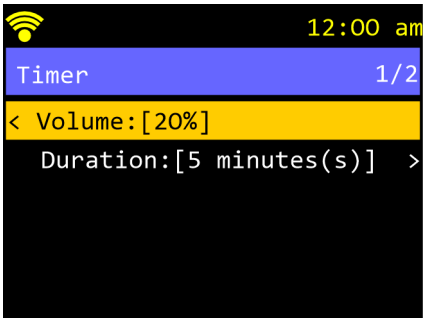


01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Follow headphone
- 0dB

02) Press the **tune/select control (09)** to confirm.

7.12.14.Timer

In this menu, you can set the volume and duration of the timer.



01) Turn the **tune/select control (09)** to choose one of the 2 submenus:
- Volume
- Duration

02) Press the **tune/select control (09)** to confirm.

Volume

In this submenu, you can set volume of the timer.

01) Turn the **tune/select control (09)** to adjust the volume. The adjustment range is 3–100 %.
02) Press the **tune/select control (09)** to confirm.

Duration

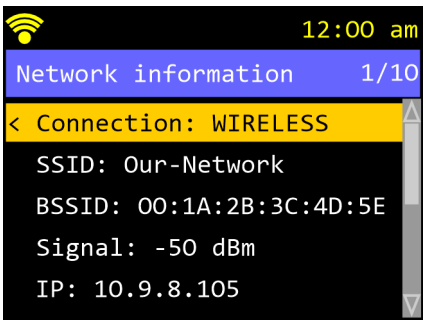
In this submenu, you can set the duration of the timer.

01) Turn the **tune/select control (09)** to select one of the 3 options:
- 1 minute: The timer will sound for 1 minute
- 5 minutes: The timer will sound for 5 minutes
- 15 minutes: The timer will sound for 15 minutes

02) Press the **tune/select control (09)** to confirm.

7.12.15.Network Information

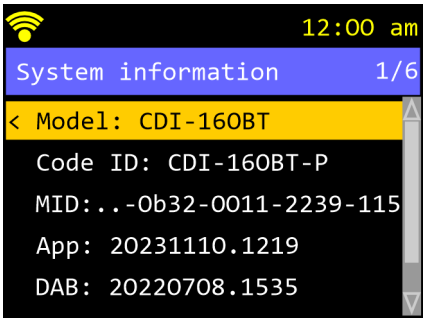
In this menu, you can view the network settings of the device.



Turn the **tune/select control (09)** to scroll through all the entries.

7.12.16.System Information

In this menu, you can view the system information of the device.



Turn the **tune/select control (09)** to scroll through all the entries.

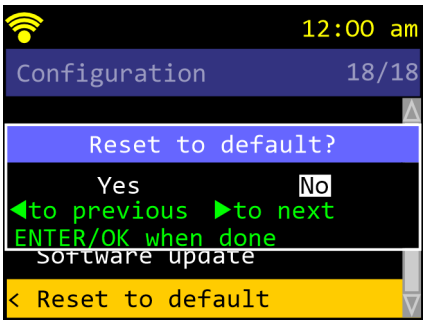
7.12.17.Software Update

In this menu, you can update the software of the device. When the latest software version is already installed, the display reads "Already up to date".

Do not turn the device off when the software is being updated.

7.12.18.Reset to Default

In this menu, you can reset the settings of the device to the default factory settings.



01) Turn the **tune/select control (09)** to choose one of the 2 options:
- Yes: Reset the settings of the device to the default factory settings
- No: Cancel the reset and return to the previous menu

02) Press the **tune/select control (09)** to confirm.

7.13. Podcasts

In this menu, you can browse through, search for and listen to podcasts.



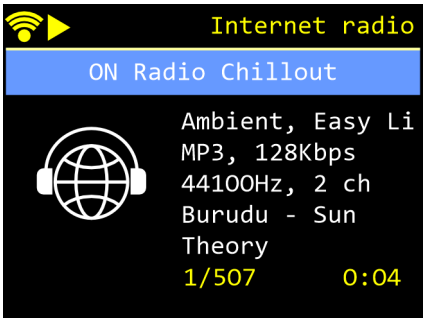
01) Turn the **tune/select control (09)** to select one of the 6 submenus:
- Listen again: Select a podcast you have already listened to and listen to it again
- Subscribed: Select a podcast you have subscribed to and listen to it again
- History: Shows your podcast history
- Browse: Browse through podcasts by genre
- Search: Search for podcasts (see 5.5. Entering Text on page 15)
- Search history: Shows your search history

02) Press the **tune/select control (09)** to confirm.

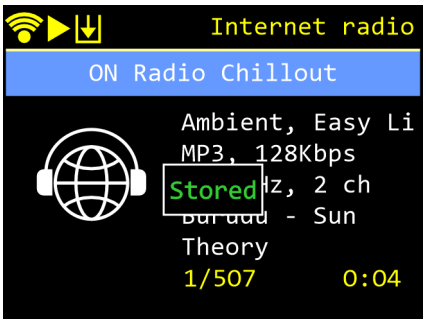
7.14. Saving Internet Radio Stations to My Favourite

You can save internet radio stations to My Favourite (see 7.1. My Favourite on page 19).

When an internet radio station is active, the display shows:



Press and hold down the **tune/select control (09)** for 5 seconds to save the internet radio station to My Favourite. The display temporarily shows:



7.15. Viewing Radio Station Information

You can view information about the currently active internet, DAB or FM radio station.

01) Activate an internet (see 7.2. Internet Radio on page 25), DAB (see 7.6. DAB Radio on page 30) or FM (see 7.7. FM Radio on page 30) radio station.
02) Repeatedly press the **FORWARD button (D)** to browse through different information screens.

Note:

The screens show available information such as the radio station, the track being played, the radio signal quality, the time etc.

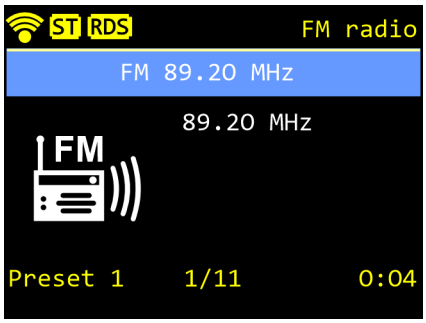
7.16. Setting Volume

To set the volume, turn the **tune/select control (09)** to the left/right to decrease/increase the volume.

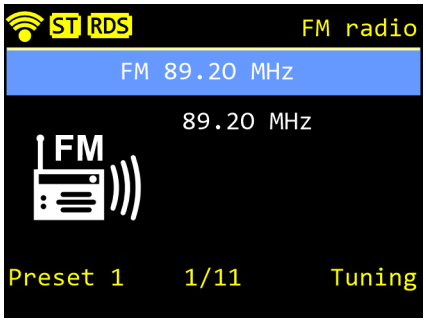
7.17. Manual FM Frequency Tuning

You can manually tune the FM radio frequency.

01) Activate an FM radio station (see 7.7. FM Radio on page 30).



02) Press and hold down the **tune/select control (09)** until the display shows "Tuning" in the bottom right corner:

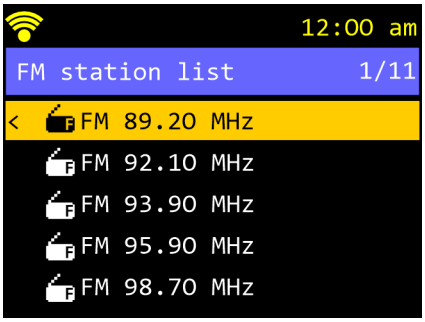


03) Press the **BACK (C)/FORWARD (D)** buttons to decrease/increase the frequency.
04) Press and hold down the **tune/select control (09)** until "Tuning" disappears from the display.

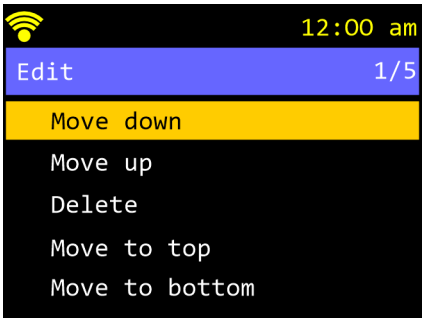
7.18. Editing Lists

You can change the order in which the radio stations are saved and remove radio stations from the lists.

01) Activate an internet (see 7.2. Internet Radio on page 25), DAB (see 7.6. DAB Radio on page 30) or FM (see 7.7. FM Radio on page 30) radio station and go to the list of available radio stations. For example, if you are in the FM radio menu, the display shows:



02) Turn the **tune/select control (09)** to select the desired radio station.
03) Press the **FORWARD (D)** button. The display shows:



04) Turn the **tune/select control (09)** to select one of the 5 options:
- Move down: The radio station will move down by one position
- Move up: The radio station will move up by one position
- Delete: The radio station will be removed from the list
- Move to top: The radio station will move to the top of the list
- Move to bottom: The radio station will move to the bottom of the list

05) Press the **tune/select control (09)** to confirm.

7.19. Using the Alarm

To use the alarm function:

01) Set the alarm (see 7.9. Alarm on page 31). When the alarm sounds, the display shows:

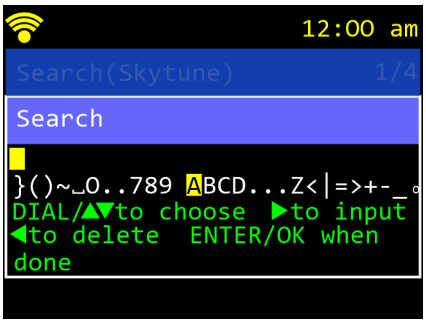


02) Press the **tune/select control (09)** or press the **stand-by button (02)** to turn the alarm off.

7.20. Remote Control

The device can be controlled with the included IR remote control. It accepts 2 x AAA batteries, which are not included.

7.20.1. Entering Text with the Remote Control



To enter a password or search for phrases with the remote control:

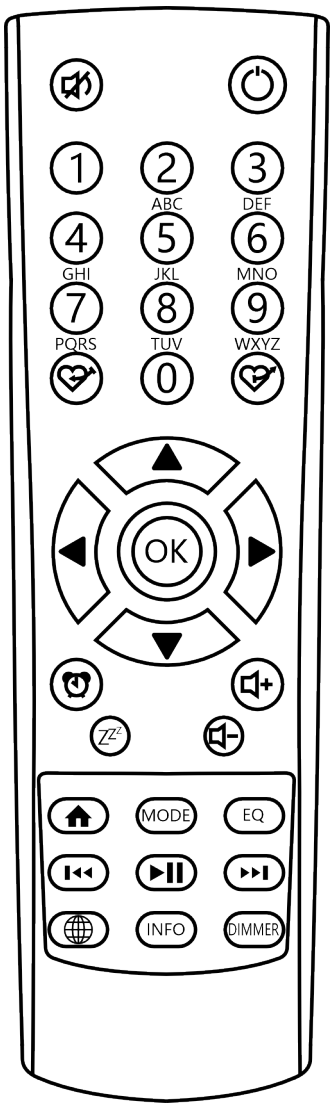
01) Press the **UP/DOWN** cursors to choose characters (see 7.20.2. Functions of the Remote Control Buttons on page 51).
02) Press the **RIGHT** cursor to confirm.
03) If you make a mistake, press the **LEFT** cursor to remove the wrong character.
04) Repeat steps 1–3 to type in the desired word or phrase.
05) Press the **OK/SELECT** button to confirm.

The available characters are uppercase letters, digits, punctuation marks, and some symbols.

Note:

Alternatively, you can repeatedly press the 2–9 buttons to type in words or phrases. Each button (2–9) has a set of letters assigned to it.

7.20.2. Functions of the Remote Control Buttons



Button	Description	Function
	Mute	Turns mute on/off
	On/Off	Turns stand-by mode on/off
0 – 9		Digits and letters
	Add to My Favourite	Press and hold down for 5 seconds, to add a station to My Favourite
	My Favourite	Opens My Favourite menu
	Up cursor	Move up
	Down cursor	Move down
	Left cursor	Moves to the left Moves to a previous menu screen Cancels actions
	Right cursor	Moves to the right When in radio station list, activates Editing Lists menu (see 7.18. Editing Lists on page 49).
OK	OK/Select	Confirms choices and opens (sub)menus
	Alarm	Activates Alarm menu
	Sleep timer	Activates Sleep Timer menu
	Volume +	Increases the volume
	Volume -	Decreases the volume
	Main menu	Activates the main menu
MODE	Toggle mode	Toggle control modes
EQ	Equalizer	Opens the equalizer menu
	Previous station	Choose previous station
	Next station	Choose next station
	Start/stop	Start/stop streaming
	Network information	Activates Network Information menu
INFO	Info	Toggles Information
DIMMER	Dimmer	Activates Dimmer menu

8. Troubleshooting

This troubleshooting guide contains solutions to problems which can be carried out by an ordinary person. The device does not contain user-serviceable parts.

Unauthorized modifications to the device will render the warranty void. Such modifications may result in injuries and material damage.

Refer servicing to instructed or skilled persons. Contact your Highlite International dealer in case the solution is not described in the table.

Problem	Probable cause(s)	Solution
The device does not function	No power to the device	• Make sure that the power is switched on and the cables are plugged in • Make sure that the device is not in standby mode
	Internal fuse is blown	• Contact your Highlite International dealer
No sound	The volume is set to minimum	• Increase the volume
The device cannot connect to Wi-Fi	Wi-Fi antenna is not connected	• Make sure that the supplied Wi-Fi antenna is installed and in a vertical position
	Wi-Fi network is offline	• Make sure that the Wi-Fi network is online • Make sure that a DHCP server is available • Make sure that the static IP address is configured • Make sure that the firewall does not block the output ports
	The router limits access to MAC addresses	• Make sure that the MAC address (Wi-Fi MAC or LAN MAC in Network Information (see 7.12.15. Network Information on page 46)) is added to the allowlist of your router (AP)
	Wi-Fi signal is too weak	• Move the device closer to the router
	Unsupported encryption method	• Make sure that the encryption method is set to WEP, WPA or WPA2
	Incorrect Wi-Fi password	• Enter the correct Wi-Fi password
The device cannot connect to Bluetooth	Bluetooth antenna is not connected	• Make sure that the supplied Bluetooth antenna is installed and in a vertical position
DAB or FM does not work or the signal is weak	Insufficient reception or interference	• Make sure that the supplied DAB/FM antenna is installed and unwound • Make sure that the device is not close to other electrical devices that may cause interference • Move the device closer to a window to improve reception
Media server is not available	Incorrect network	• Make sure that the device and the media server use the same network
	Firewall limits the access	• Disable your firewall for verification
Playback stutters (buffering)	Bandwidth is too low or busy	• Increase the buffer time (see 7.12.12. Buffer Time on page 45)
The device does not respond to the remote control	The remote control is outside of the range of the infrared sensor	• Make sure that there is a clear line of sight between the remote control and the IR sensor
	The batteries in the remote control are depleted	• Change the batteries in the remote control (see 4.8. Installation of the Batteries on page 12)

9. Maintenance

9.1. Safety Instructions for Maintenance



DANGER
Electric shock caused by dangerous voltage inside

Disconnect power supply before servicing or cleaning.

9.2. Preventive Maintenance



Attention
Before use, examine the device visually for any defects.

Make sure that:

- The housing is not damaged.
- The power cable is not damaged and does not show any material fatigue.

9.2.1. Basic Cleaning Instructions

To clean the device, follow the steps below:

01) Disconnect the device from the electrical power supply.
02) Allow the device to cool down for at least 5 minutes.
03) Clean the device with a soft, lint-free cloth.



Attention

- Do not immerse the device in liquid.
- Do not use alcohol or solvents.

9.3. Corrective Maintenance

The device does not contain user-serviceable parts. Do not open the device and do not modify the device.

Refer repairs and servicing to instructed or skilled persons. Contact your Highlite International dealer for more information.

10. Deinstallation, Transportation and Storage

- Use the original packaging to transport the device, if possible.
- Clean the device before storing (see 9.2.1. Basic Cleaning Instructions on page 53).
- Store the device in the original packaging, if possible.

11. Disposal



Correct disposal of this product

Waste Electrical and Electronic Equipment

This symbol on the product, its packaging or documents indicates that the product shall not be treated as household waste. Dispose of this product by handing it to the respective collection point for recycling of electrical and electronic equipment. This is to avoid environmental damage or personal injury due to uncontrolled waste disposal. For more detailed information about recycling of this product contact the local authorities or the authorized dealer.

12. Approval

Hereby, Highlite International declares that the device CDI-160BT, product code D1244, is in compliance with Directive 2014/53/EU (RED – Radio Equipment Directive).

The full text of the EU declaration of conformity is available on the respective product page on the website of Highlite International (www.highlite.com).

DAP